

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009469.D
 Acq On : 10 May 2019 08:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 10 09:07:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	154622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	253132	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115290	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	108239	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
35) Dibromofluoromethane	5.49	113	80730	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	
50) Toluene-d8	8.71	98	322938	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.13	95	119561	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	70151	49.233	ug/l	99
3) Chloromethane	1.32	50	103517	53.214	ug/l	100
4) Vinyl Chloride	1.41	62	103882	54.763	ug/l	98
5) Bromomethane	1.64	94	64126	56.322	ug/l	99
6) Chloroethane	1.71	64	68157	55.963	ug/l	99
7) Trichlorofluoromethane	1.92	101	128877	55.892	ug/l	99
8) Diethyl Ether	2.19	74	59902	54.844	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76128	52.575	ug/l	99
10) Methyl Iodide	2.51	142	94745	55.735	ug/l	99
11) Tert butyl alcohol	3.05	59	132132	270.434	ug/l	100
12) 1,1-Dichloroethene	2.37	96	81888	56.443	ug/l	95
13) Acrolein	2.29	56	99412	224.667	ug/l	100
14) Allyl chloride	2.73	41	184263	52.116	ug/l	100
15) Acrylonitrile	3.14	53	320719	268.464	ug/l	100
16) Acetone	2.44	43	275020	242.650	ug/l	98
17) Carbon Disulfide	2.57	76	233235	57.261	ug/l	99
18) Methyl Acetate	2.77	43	137108	50.866	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	310626	55.136	ug/l	98
20) Methylene Chloride	2.85	84	97526	53.144	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	88589	56.304	ug/l	99
22) Diisopropyl ether	3.85	45	375838	55.275	ug/l	99
23) Vinyl Acetate	3.81	43	1646145	282.726	ug/l	100
24) 1,1-Dichloroethane	3.70	63	182284	54.345	ug/l	99
25) 2-Butanone	4.67	43	468321	265.899	ug/l	100
26) 2,2-Dichloropropane	4.58	77	90895	36.406	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	103371	55.042	ug/l	95
28) Bromochloromethane	5.01	49	66623	49.304	ug/l	100
29) Tetrahydrofuran	5.13	42	312739	275.937	ug/l	99
30) Chloroform	5.21	83	168679	55.602	ug/l	98
31) Cyclohexane	5.58	56	170367	54.593	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	140355	55.577	ug/l	99
36) 1,1-Dichloropropene	5.80	75	127178	54.063	ug/l	99
37) Ethyl Acetate	4.83	43	179605	54.798	ug/l	99
38) Carbon Tetrachloride	5.78	117	117193	54.832	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050919\
 Data File : VX009469.D
 Acq On : 10 May 2019 08:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 10 09:07:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	147543	51.071	ug/l	100
40) Benzene	6.14	78	400227	54.974	ug/l	99
41) Methacrylonitrile	5.04	41	102535	52.554	ug/l	99
42) 1,2-Dichloroethane	6.19	62	144151	55.198	ug/l	99
43) Isopropyl Acetate	6.45	43	287479	54.835	ug/l	100
44) Trichloroethene	7.21	130	94845	53.889	ug/l	97
45) 1,2-Dichloropropane	7.51	63	112959	54.795	ug/l	98
46) Dibromomethane	7.66	93	65094	54.376	ug/l	99
47) Bromodichloromethane	7.90	83	131731	55.165	ug/l	98
48) Methyl methacrylate	7.77	41	145068	55.774	ug/l	99
49) 1,4-Dioxane	7.74	88	54917	1041.118	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	939613	274.203	ug/l	100
52) Toluene	8.78	92	242171	54.722	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	141370	52.437	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	158649	53.166	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	98609	54.617	ug/l	98
56) Ethyl methacrylate	9.18	69	179899	55.820	ug/l	100
57) 1,3-Dichloropropane	9.37	76	171349	53.931	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	423015	247.419	ug/l	100
59) 2-Hexanone	9.49	43	734575	272.945	ug/l	99
60) Dibromochloromethane	9.58	129	98759	56.006	ug/l	98
61) 1,2-Dibromoethane	9.67	107	100578	55.187	ug/l	99
64) Tetrachloroethene	9.34	164	89801	56.251	ug/l	98
65) Chlorobenzene	10.13	112	251925	54.111	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	92518	54.813	ug/l	99
67) Ethyl Benzene	10.25	91	468316	54.657	ug/l	99
68) m/p-Xylenes	10.36	106	344429	110.003	ug/l	98
69) o-Xylene	10.69	106	169239	54.783	ug/l	100
70) Styrene	10.71	104	298704	55.631	ug/l	100
71) Bromoform	10.85	173	76133	55.505	ug/l #	100
73) Isopropylbenzene	11.02	105	444351	53.001	ug/l	99
74) N-amyl acetate	10.90	43	267788	54.787	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	165578	52.979	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	185232	69.263	ug/l	82
77) Bromobenzene	11.26	156	112046	53.845	ug/l	99
78) n-propylbenzene	11.36	91	510260	53.293	ug/l	99
79) 2-Chlorotoluene	11.42	91	308377	52.205	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	377443	53.469	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	48894	46.779	ug/l	96
82) 4-Chlorotoluene	11.51	91	353960	53.041	ug/l	99
83) tert-Butylbenzene	11.77	119	363545	52.940	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	383845	54.173	ug/l	99
85) sec-Butylbenzene	11.94	105	424479	52.138	ug/l	100
86) p-Isopropyltoluene	12.06	119	389300	53.189	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199221	53.705	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	201086	53.768	ug/l	99
89) n-Butylbenzene	12.38	91	346484	52.376	ug/l	99
90) Hexachloroethane	12.60	117	66836	53.600	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	204365	54.089	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37145	52.981	ug/l	99

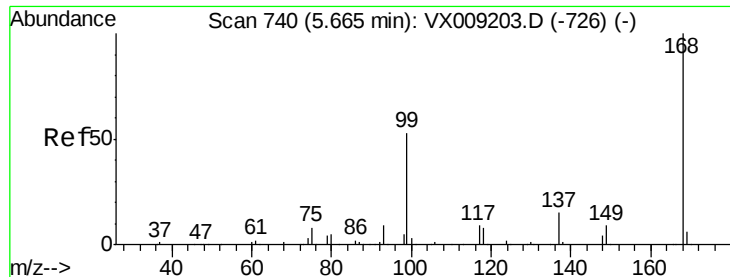
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
Data File : VX009469.D
Acq On : 10 May 2019 08:05
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 10 09:07:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	140208	54.265	ug/l	99
94) Hexachlorobutadiene	13.78	225	67153	50.896	ug/l	99
95) Naphthalene	13.83	128	457747	54.454	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	141624	54.074	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

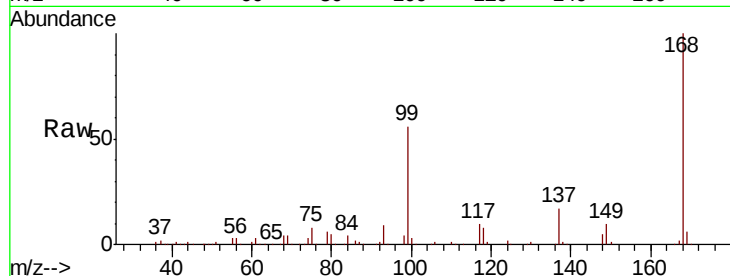
ClientSampleId :

Tot Ion:168 Resp: 154622

Ion Ratio Lower Upper

168 100

99 55.5 42.3 63.5

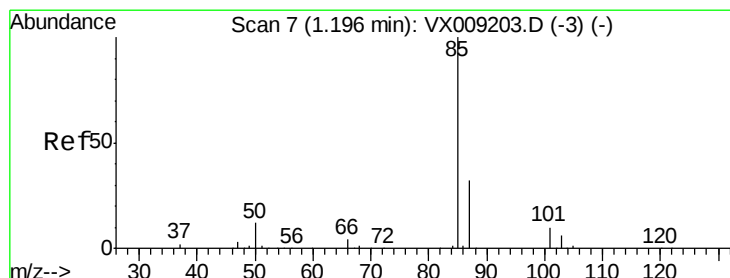
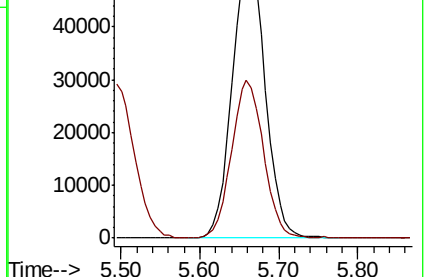
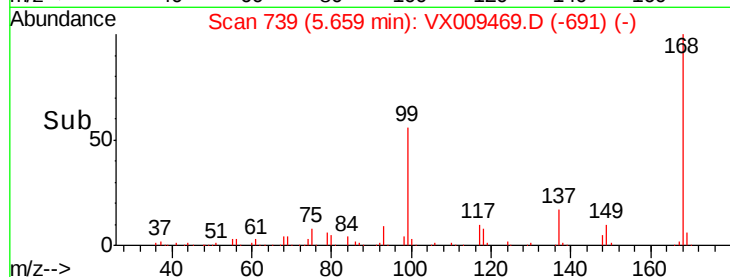


Abundance Ion 167.90 (167.60 to 168.60): VX009469.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX009469.D (-691) (-)

5.66

Time-->



#2

Dichlorodifluoromethane

Concen: 49.233 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009469.D

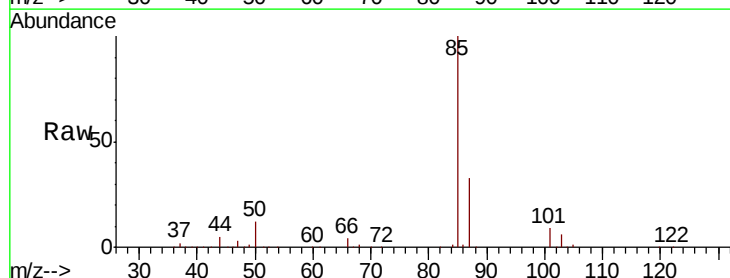
Acq: 10 May 2019 08:05

Tgt Ion: 85 Resp: 70151

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.3

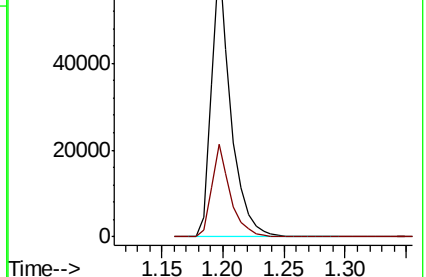
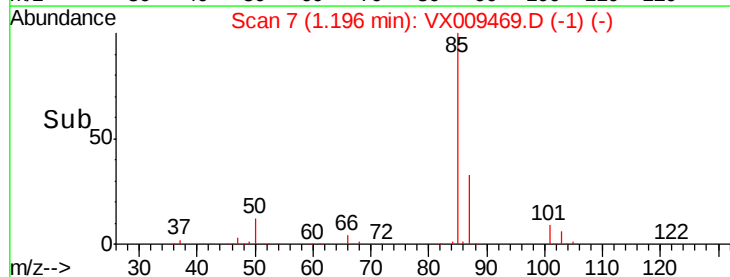


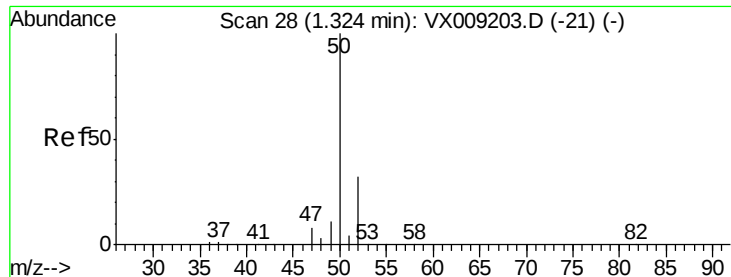
Abundance Ion 84.90 (84.60 to 85.60): VX009469.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX009469.D (-1) (-)

1.20

Time-->





#3

Chloromethane

Concen: 53.214 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

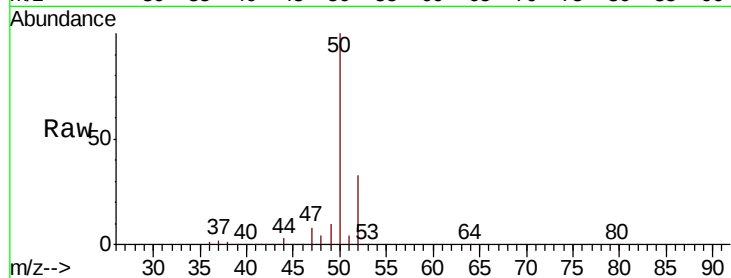
ClientSampled :

Tot Ion: 50 Resp: 103517

Ion Ratio Lower Upper

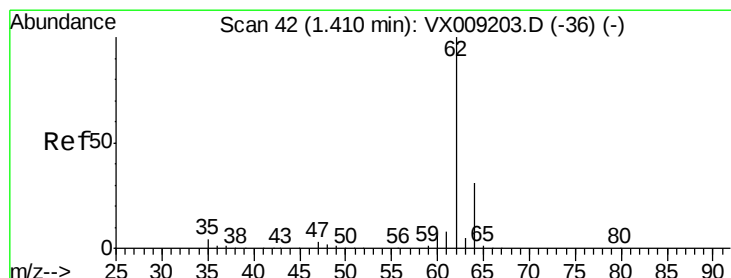
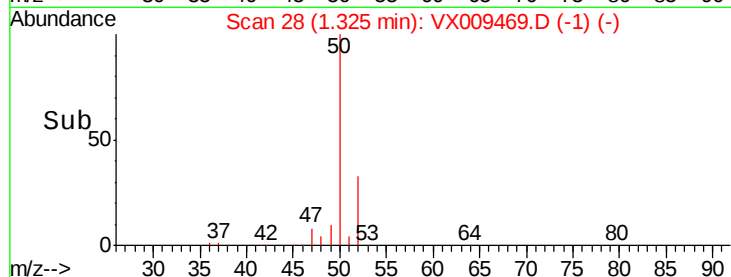
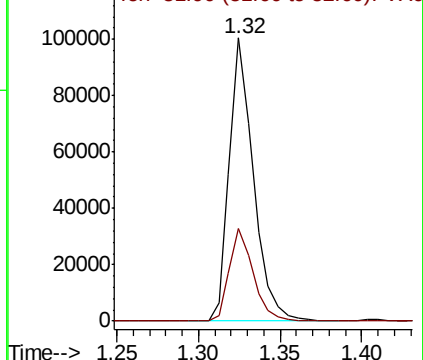
50 100

52 32.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 54.763 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009469.D

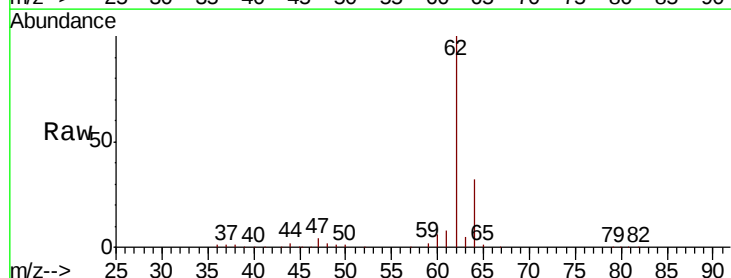
Acq: 10 May 2019 08:05

Tgt Ion: 62 Resp: 103882

Ion Ratio Lower Upper

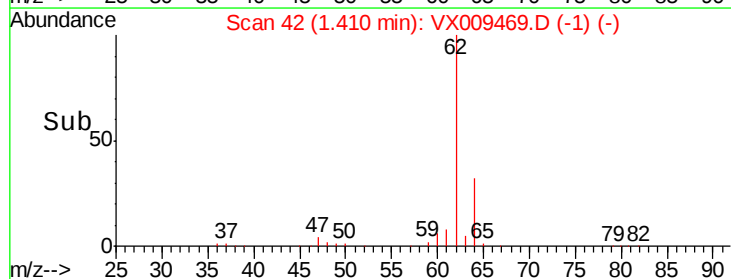
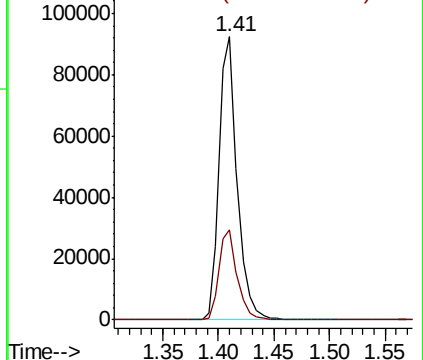
62 100

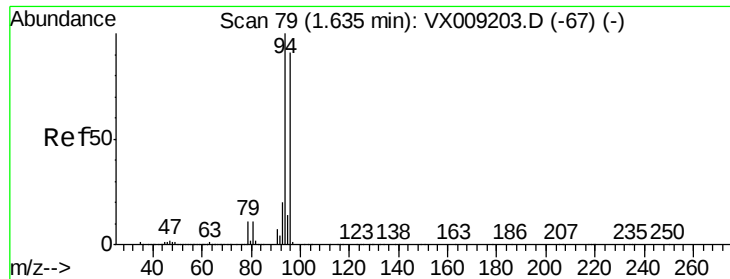
64 31.8 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 56.322 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

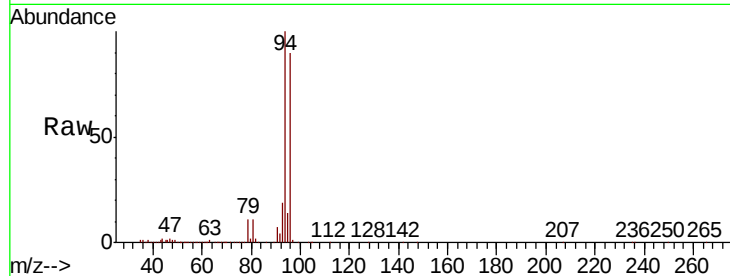
ClientSampleId :

Tot Ion: 94 Resp: 64126

Ion Ratio Lower Upper

94 100

96 90.3 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

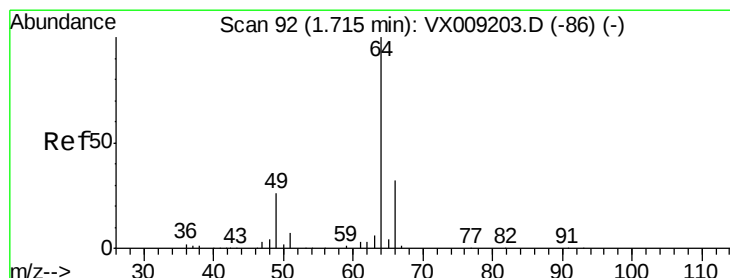
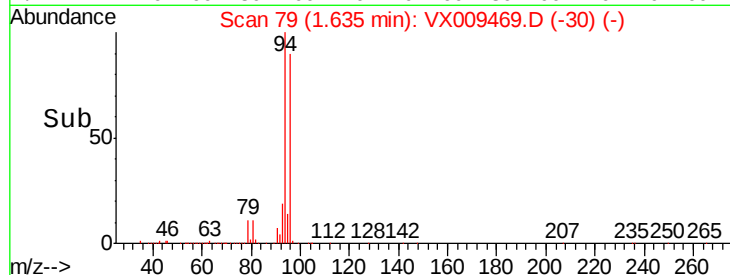
40000

20000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 55.963 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009469.D

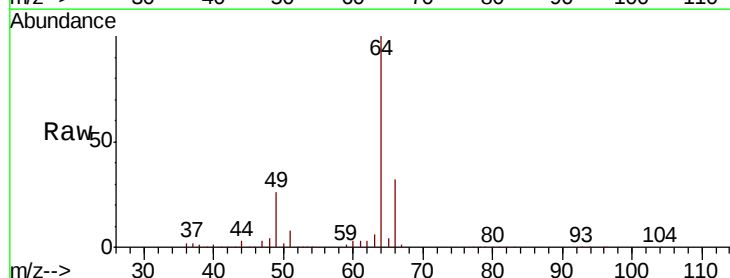
Acq: 10 May 2019 08:05

Tgt Ion: 64 Resp: 68157

Ion Ratio Lower Upper

64 100

66 32.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

30000

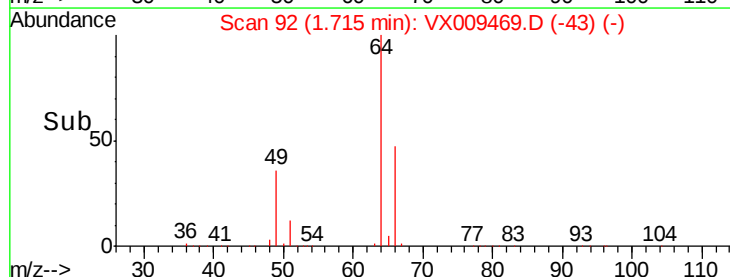
20000

10000

0

1.65 1.70 1.75 1.80

Time-->



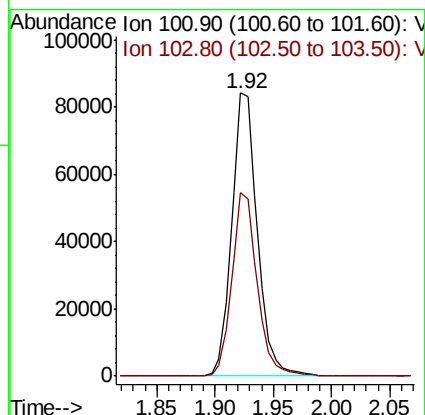
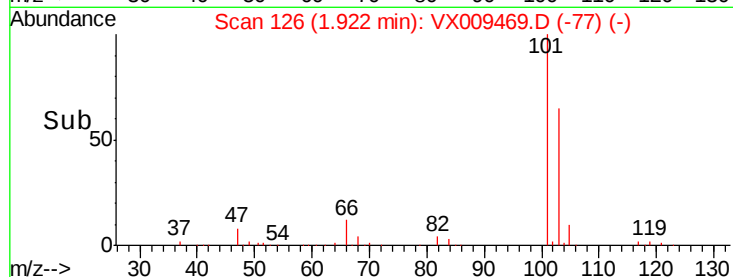
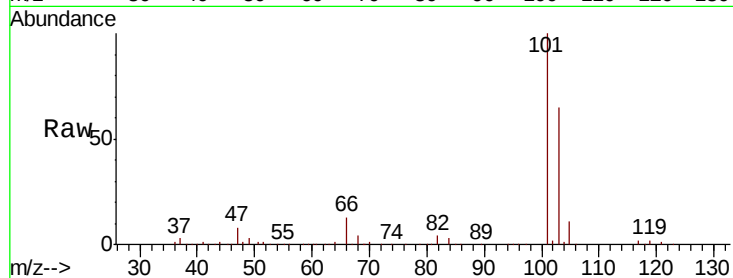


#7

Trichlorofluoromethane
 Concen: 55.892 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

Instrument :
 MSVOA_X
 ClientSampleId :

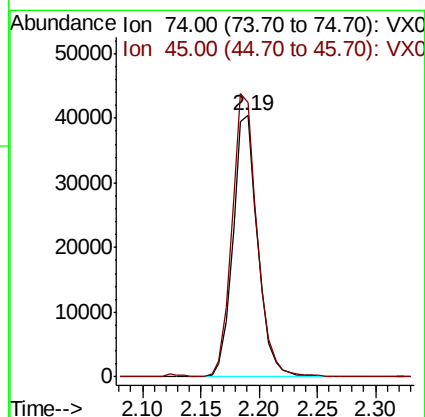
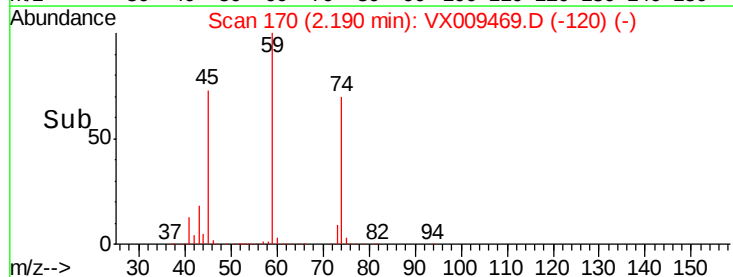
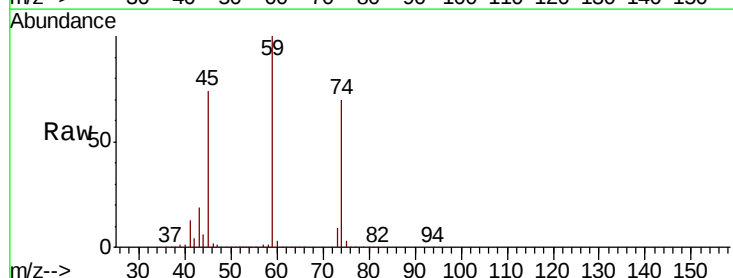
Tot Ion:101 Resp: 128877
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.4 78.6

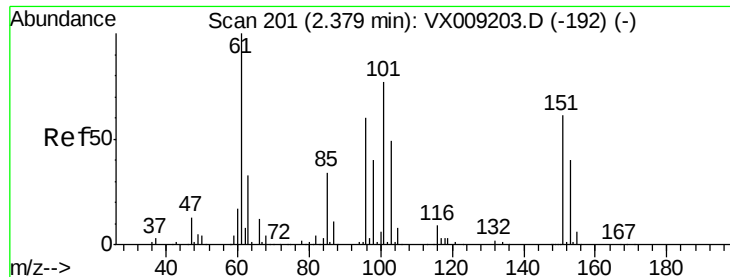


#8

Diethyl Ether
 Concen: 54.844 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

Tgt Ion: 74 Resp: 59902
 Ion Ratio Lower Upper
 74 100
 45 109.0 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.575 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

ClientSampleId :

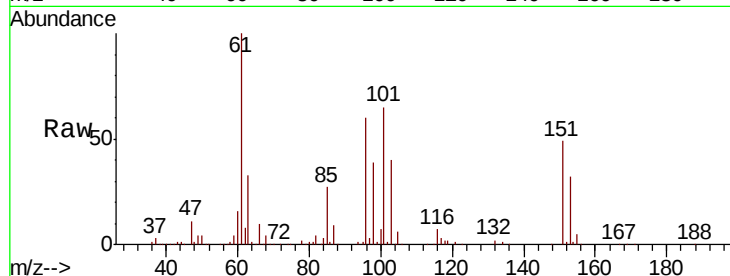
Tot Ion:101 Resp: 76128

Ion Ratio Lower Upper

101 100

85 43.3 35.7 53.5

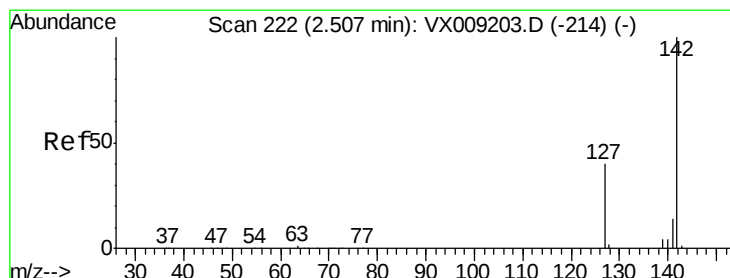
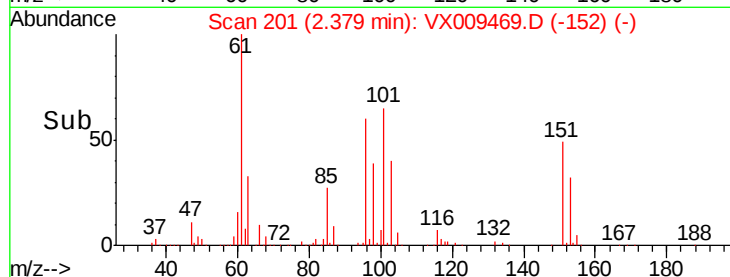
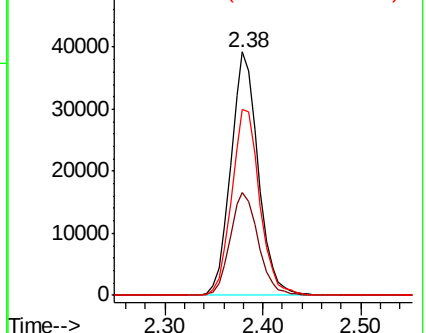
151 78.2 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.735 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

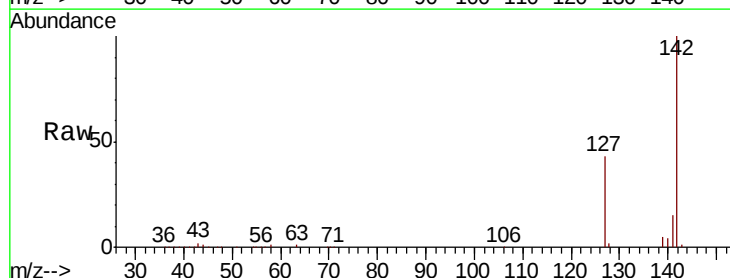
Tgt Ion:142 Resp: 94745

Ion Ratio Lower Upper

142 100

127 41.6 32.7 49.1

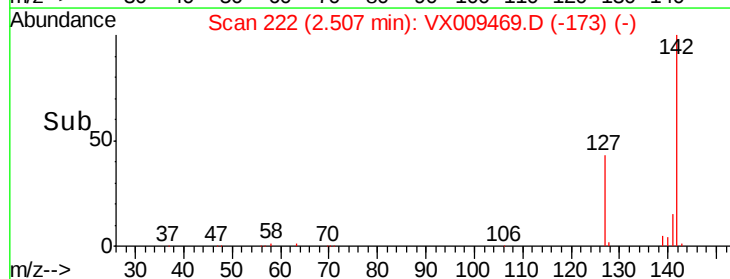
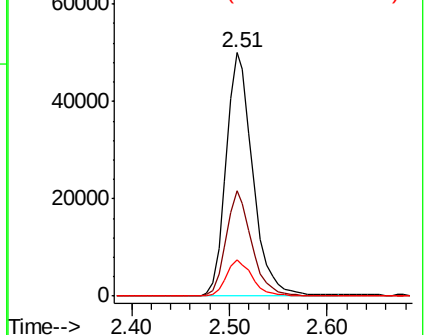
141 14.7 11.5 17.3

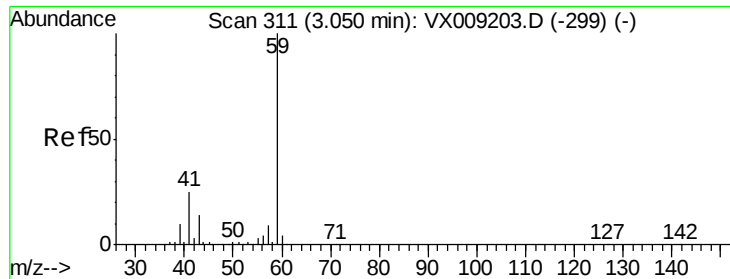


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

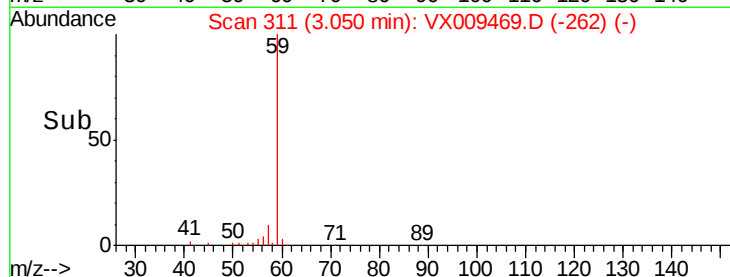
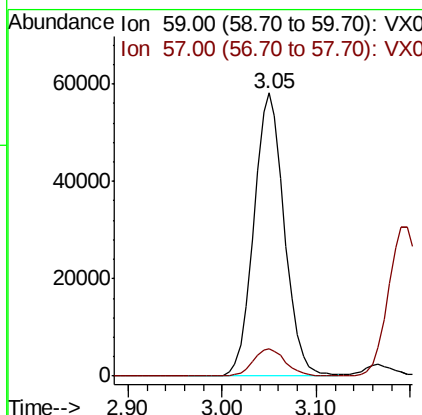
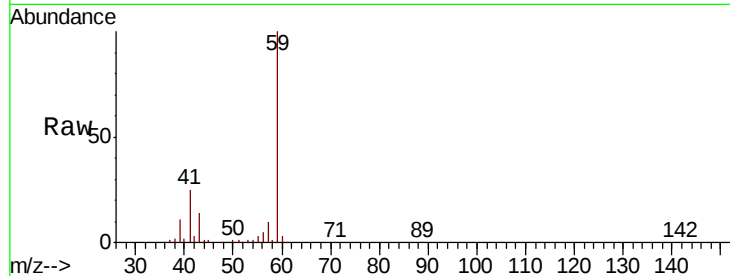




#11
Tert butyl alcohol
Concen: 270.434 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

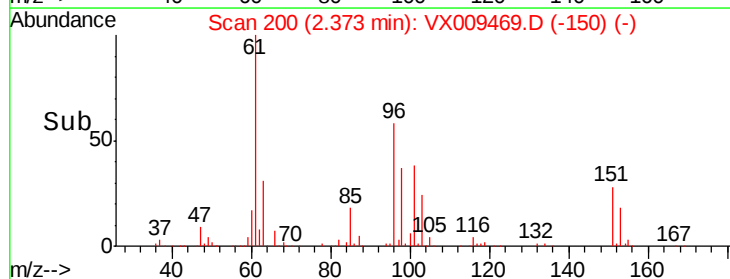
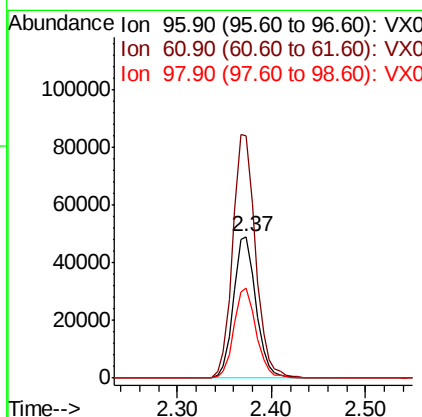
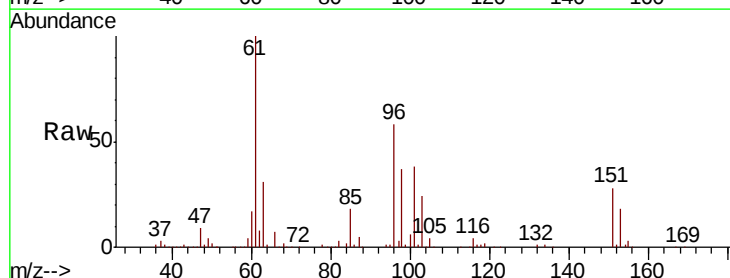
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 59 Resp: 132132
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 56.443 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Tgt Ion: 96 Resp: 81888
Ion Ratio Lower Upper
96 100
61 171.2 144.3 216.5
98 64.0 50.3 75.5





#13

Acrolein

Concen: 224.667 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

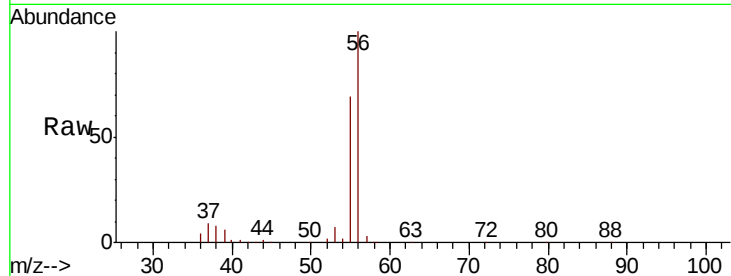
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 99412

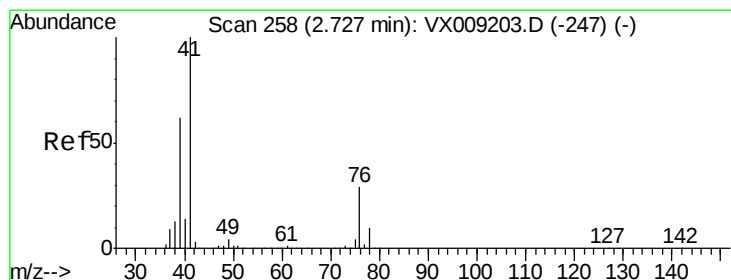
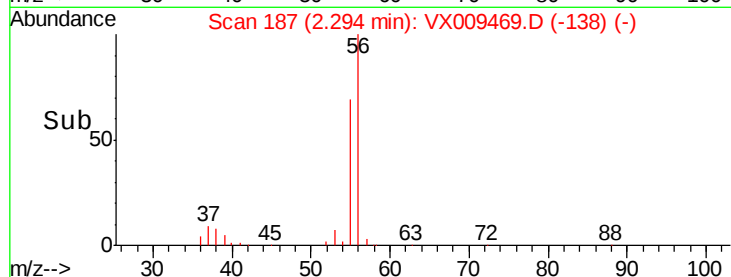
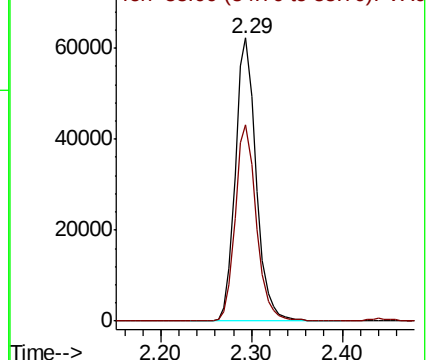
Ion Ratio Lower Upper

56 100

55 70.6 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.116 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

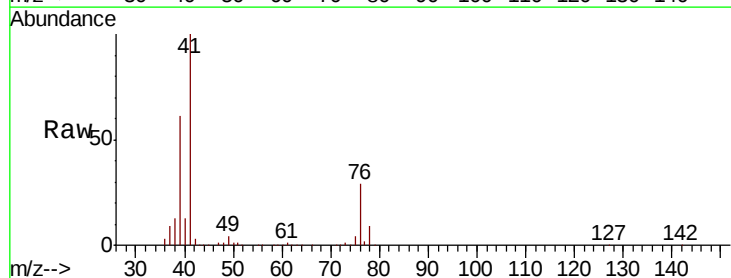
Tgt Ion: 41 Resp: 184263

Ion Ratio Lower Upper

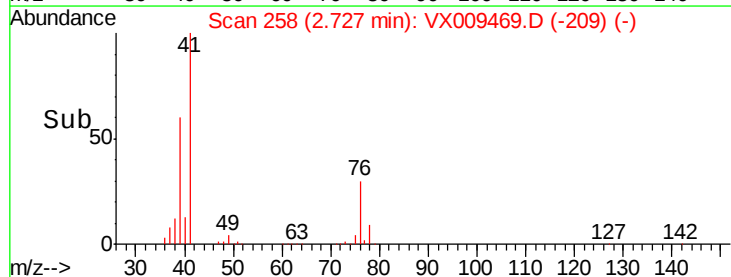
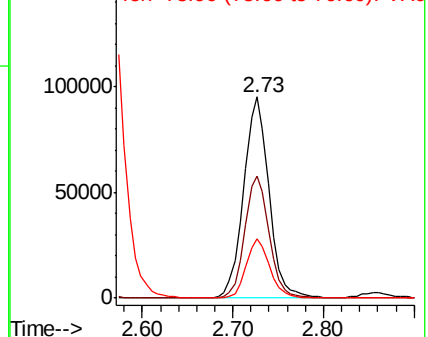
41 100

39 58.4 46.7 70.1

76 27.3 21.8 32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 268.464 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

ClientSampleId :

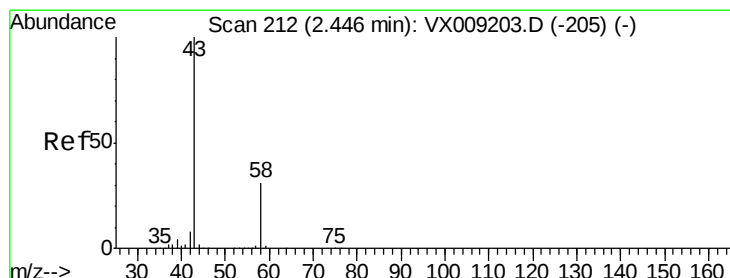
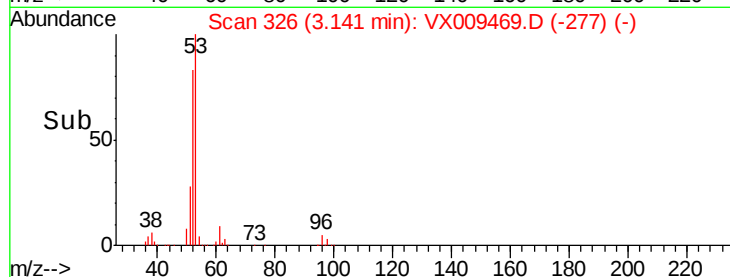
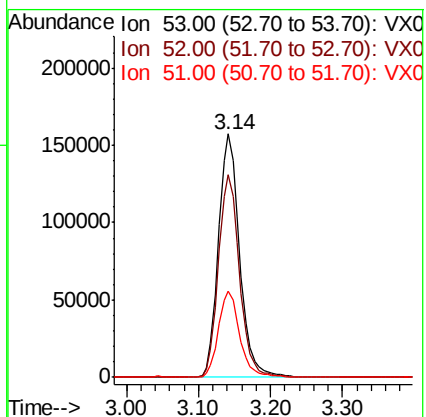
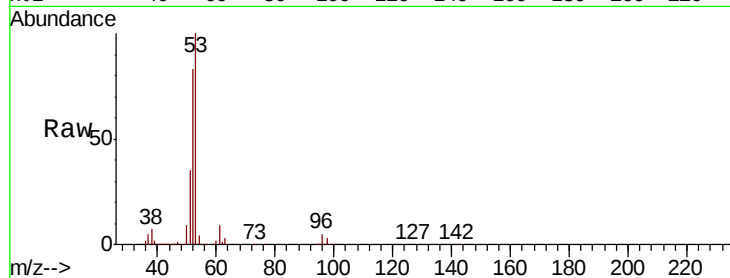
Tot Ion: 53 Resp: 320719

Ion Ratio Lower Upper

53 100

52 83.5 66.9 100.3

51 35.7 28.2 42.2



#16

Acetone

Concen: 242.650 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009469.D

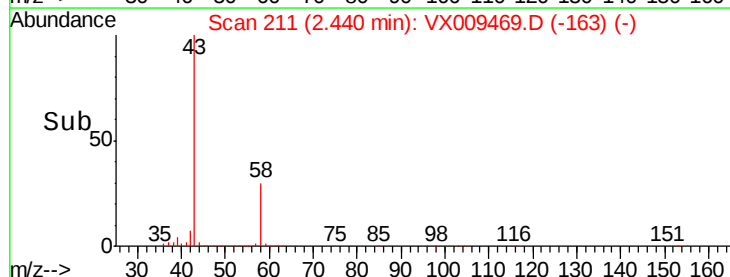
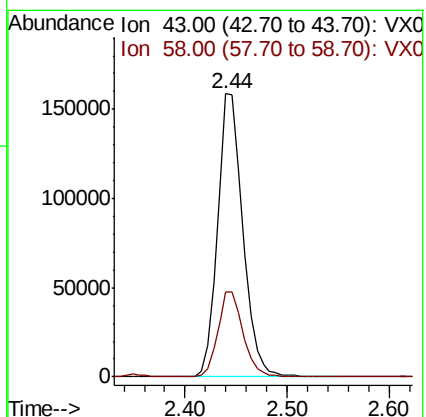
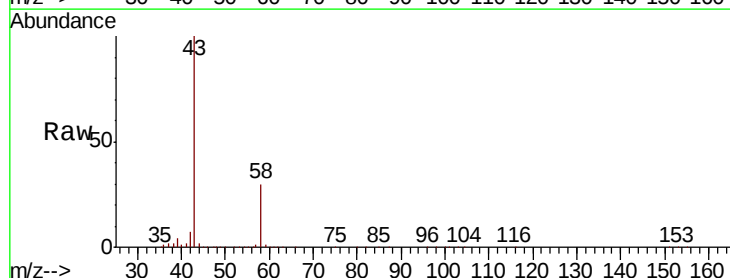
Acq: 10 May 2019 08:05

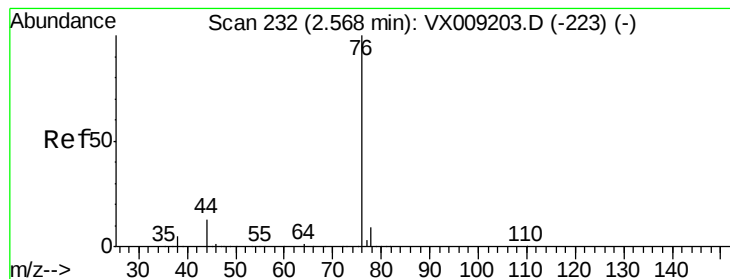
Tgt Ion: 43 Resp: 275020

Ion Ratio Lower Upper

43 100

58 30.2 24.9 37.3





#17

Carbon Disulfide

Concen: 57.261 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

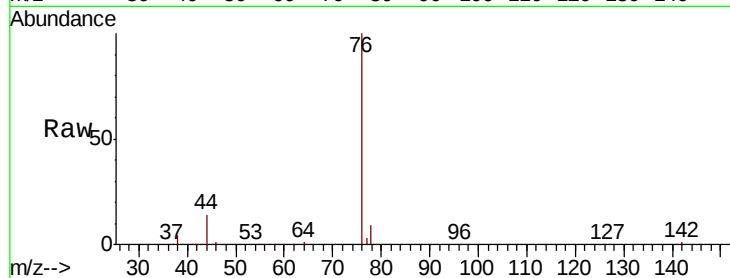
ClientSampled :

Tot Ion: 76 Resp: 233235

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

100000

50000

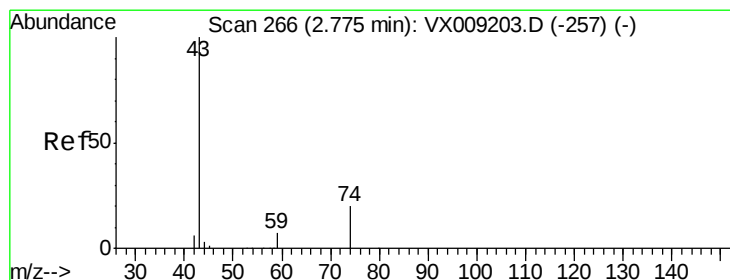
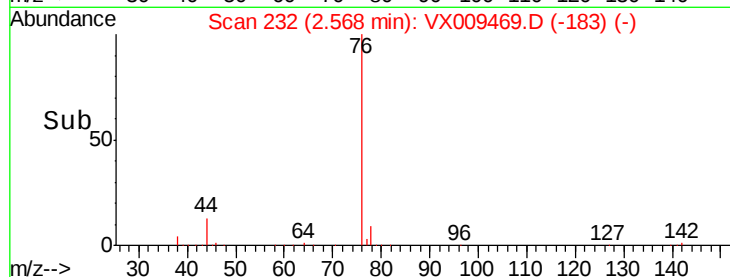
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 50.866 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009469.D

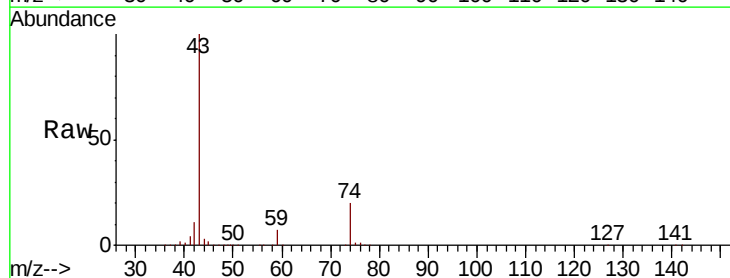
Acq: 10 May 2019 08:05

Tgt Ion: 43 Resp: 137108

Ion Ratio Lower Upper

43 100

74 20.6 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

80000

60000

40000

20000

0

Time-->

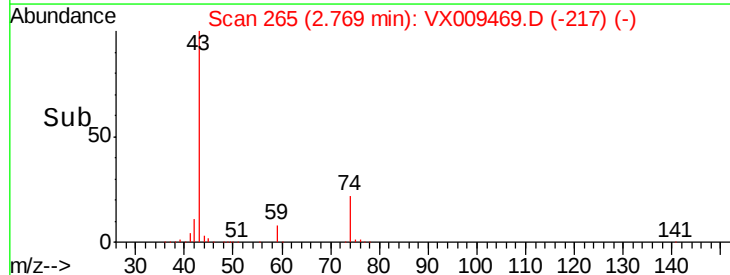
2.65

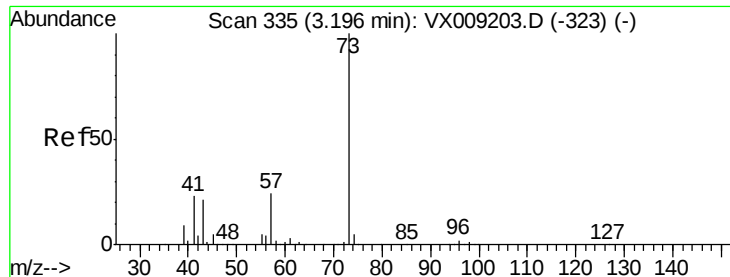
2.70

2.75

2.80

2.85



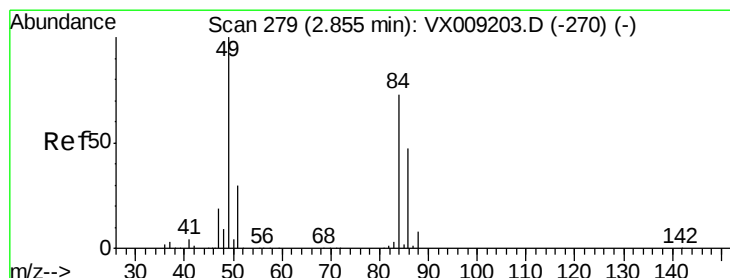
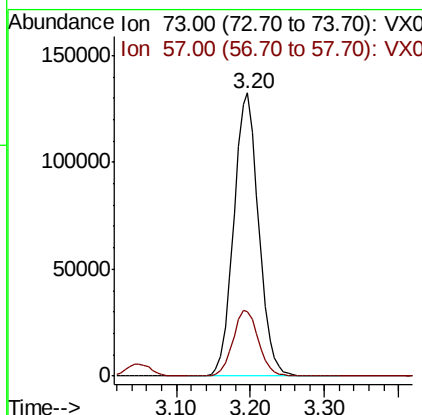
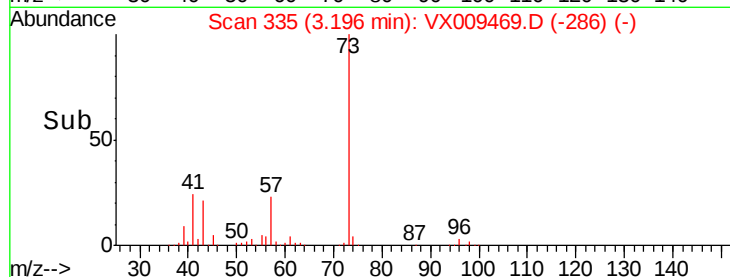
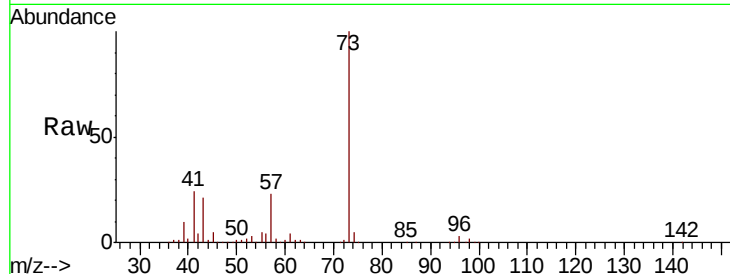


#19

Methyl tert-butyl Ether
 Concen: 55.136 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

Instrument :
 MSVOA_X
 ClientSampled :

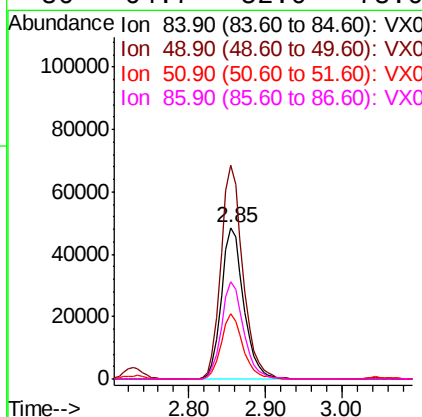
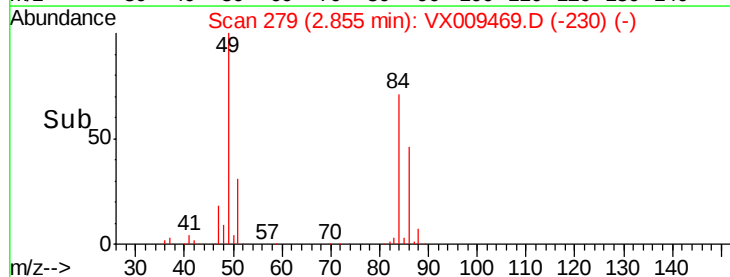
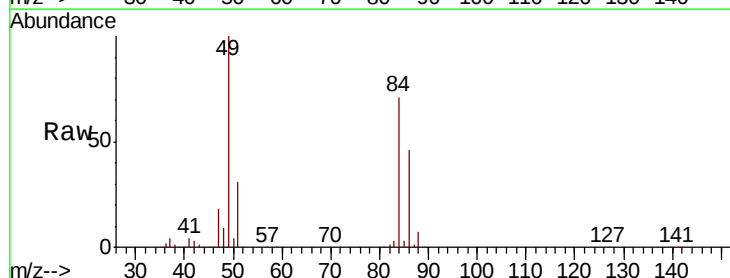
Tot Ion: 73 Resp: 310626
 Ion Ratio Lower Upper
 73 100
 57 23.0 19.3 28.9

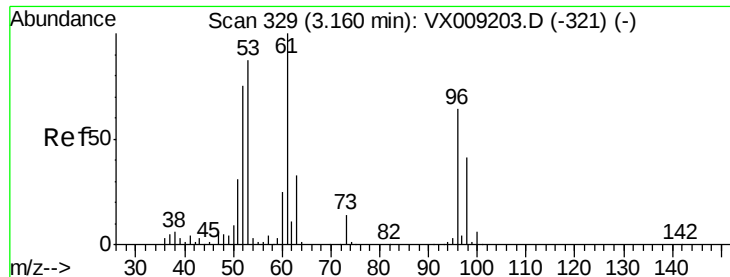


#20

Methylene Chloride
 Concen: 53.144 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

Tgt Ion: 84 Resp: 97526
 Ion Ratio Lower Upper
 84 100
 49 141.3 109.9 164.9
 51 43.5 32.7 49.1
 86 64.7 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 56.304 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :
MSVOA_X
ClientSampled :

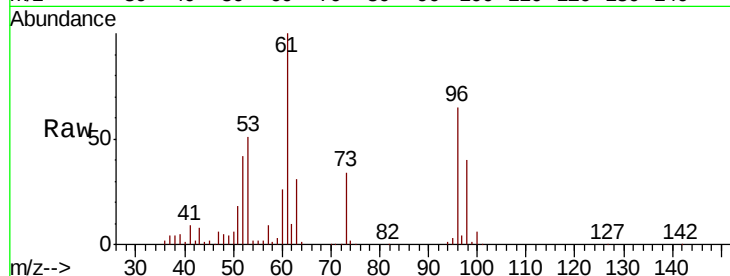
Tot Ion: 96 Resp: 88589

Ion Ratio Lower Upper

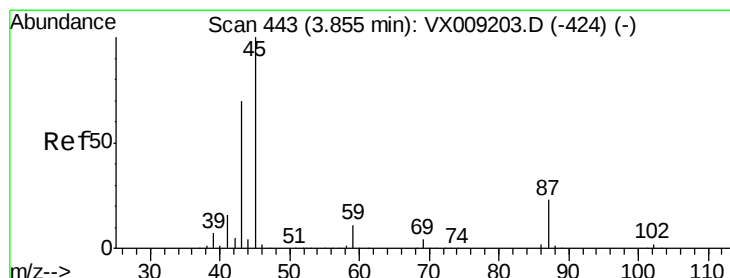
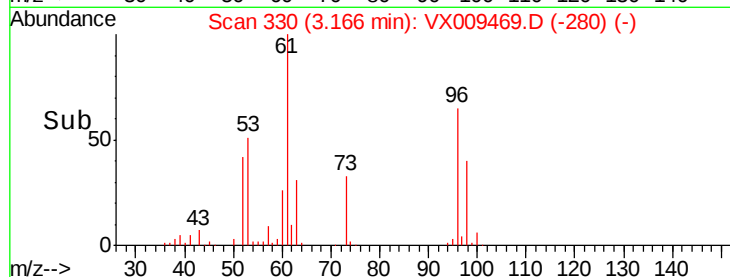
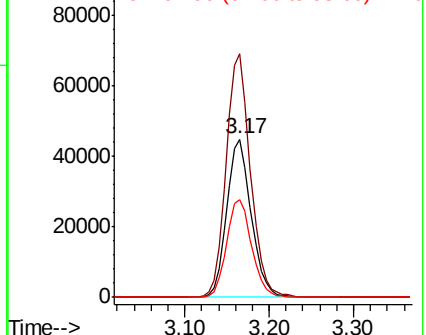
96 100

61 153.9 124.5 186.7

98 61.6 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.275 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Tgt Ion: 45 Resp: 375838

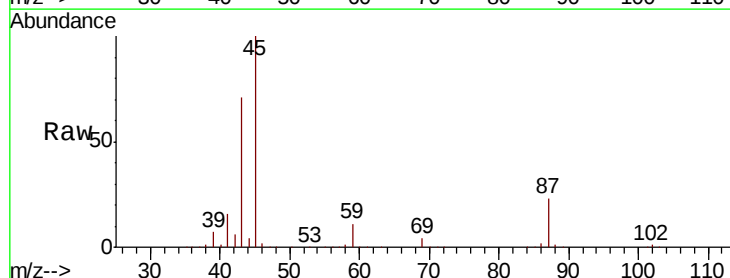
Ion Ratio Lower Upper

45 100

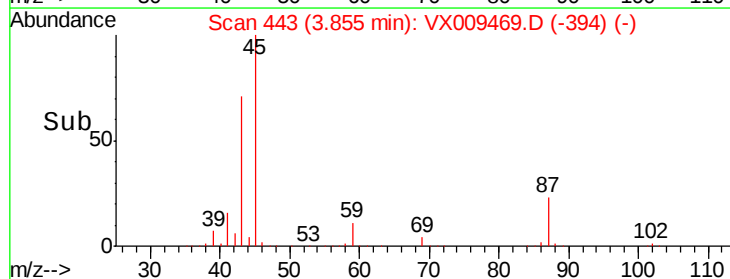
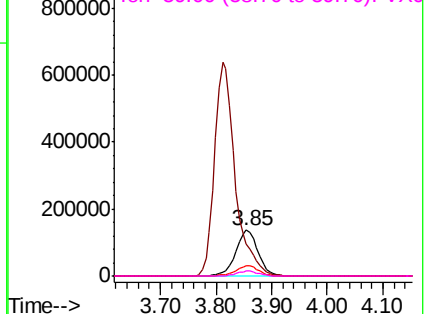
43 70.8 56.1 84.1

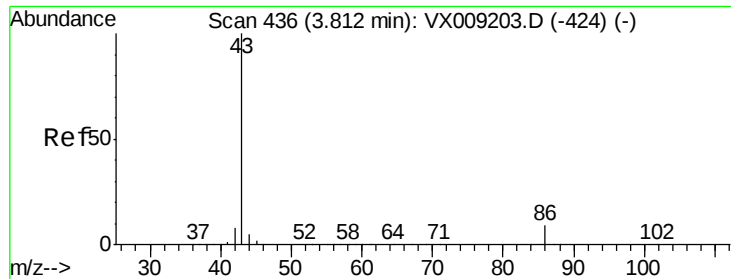
87 23.0 18.1 27.1

59 10.7 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

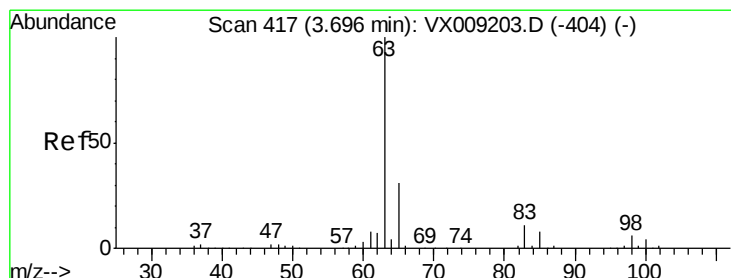
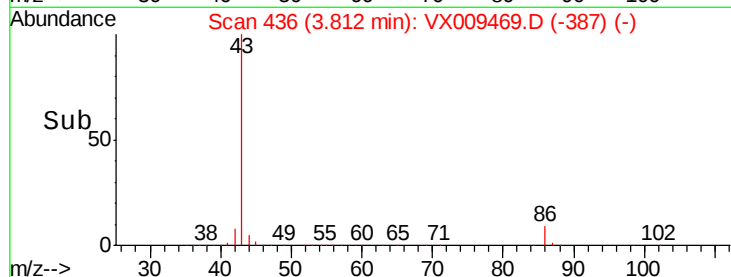
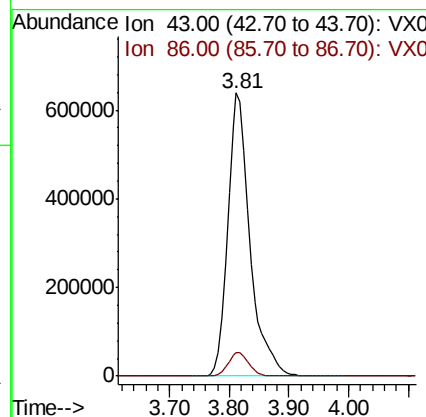
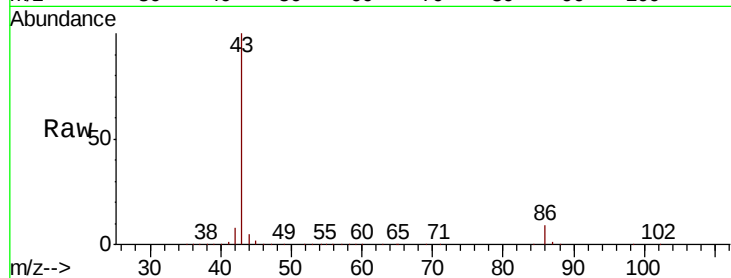




#23
 Vinyl Acetate
 Concen: 282.726 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

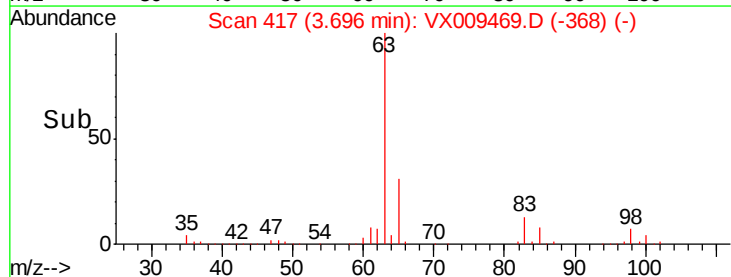
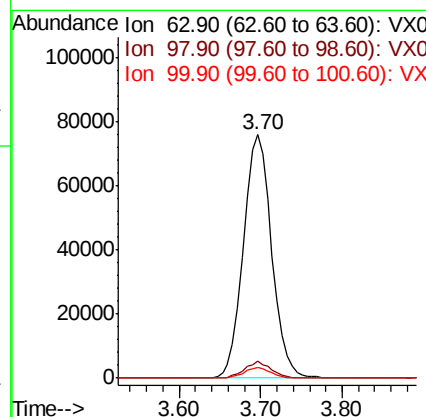
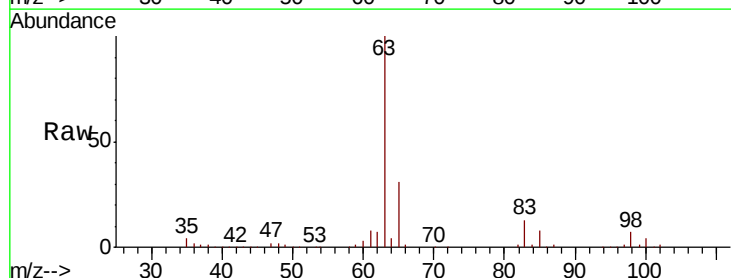
Instrument :
 MSVOA_X
 ClientSampleId :

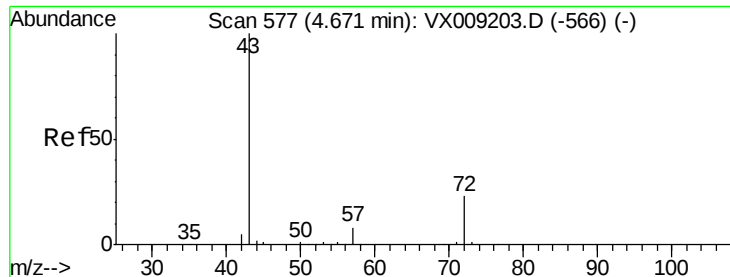
Tot Ion: 43 Resp: 1646145
 Ion Ratio Lower Upper
 43 100
 86 8.5 6.9 10.3



#24
 1,1-Dichloroethane
 Concen: 54.345 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

Tgt Ion: 63 Resp: 182284
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.0 9.2
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 265.899 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

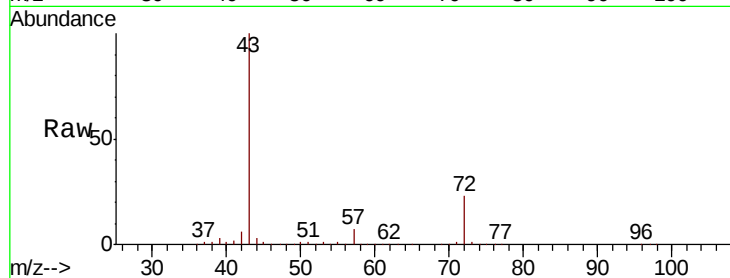
ClientSampled :

Tot Ion: 43 Resp: 468321

Ion Ratio Lower Upper

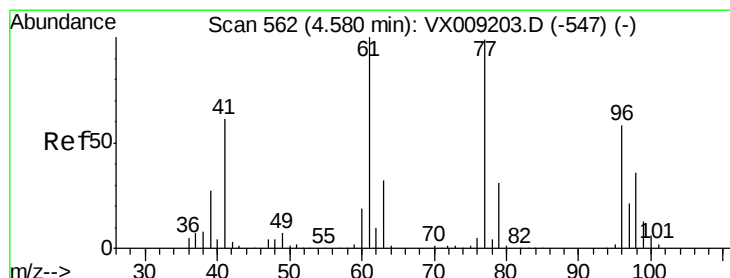
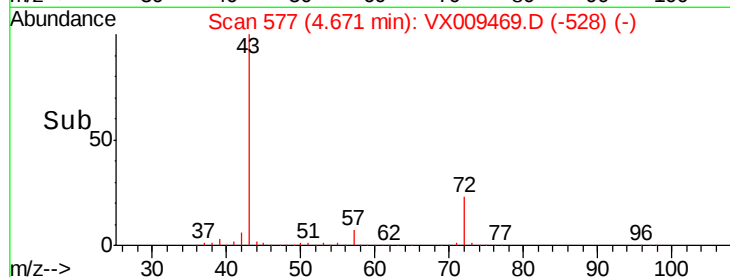
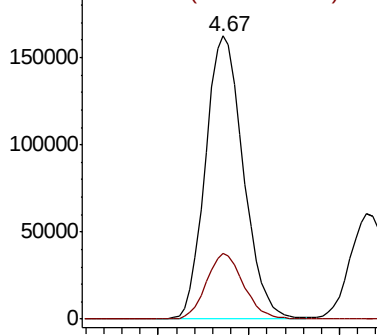
43 100

72 22.9 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 36.406 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009469.D

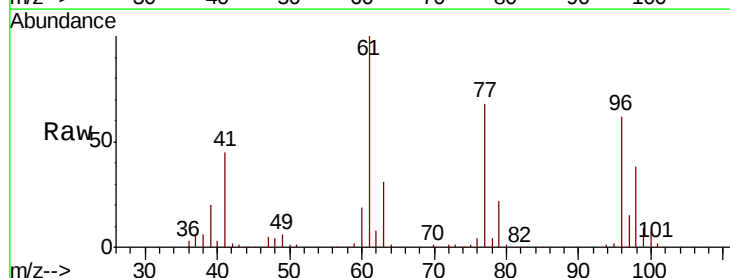
Acq: 10 May 2019 08:05

Tgt Ion: 77 Resp: 90895

Ion Ratio Lower Upper

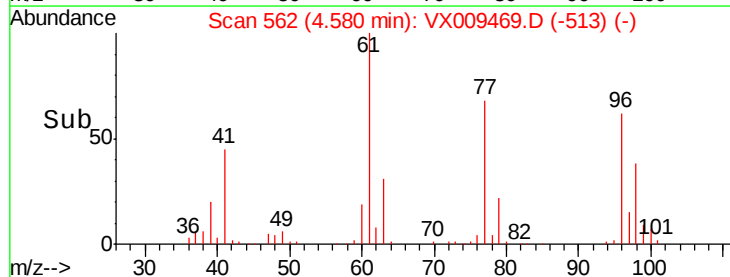
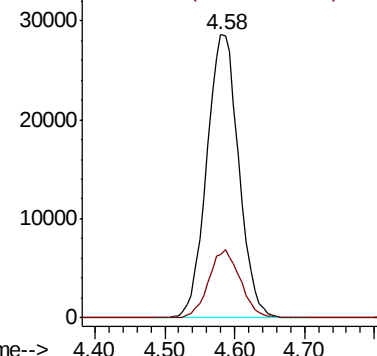
77 100

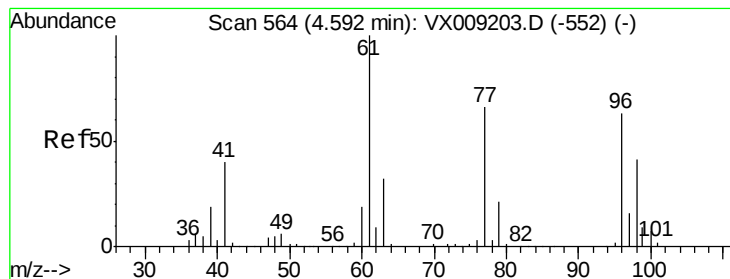
97 23.7 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



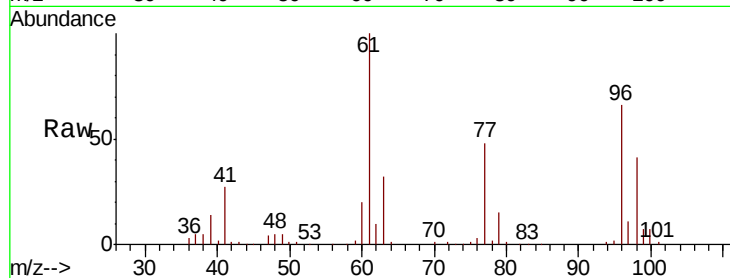


#27

cis-1,2-Dichloroethene
Concen: 55.042 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	103371
Ion	Ratio	Lower	Upper
96	100		
61	154.3	0.0	324.0
98	64.0	0.0	130.4

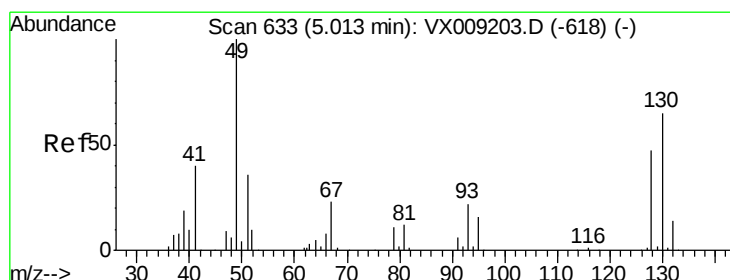
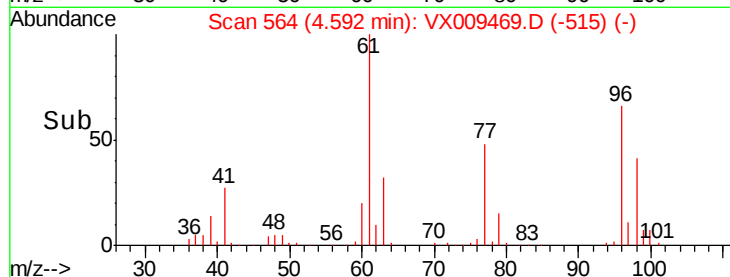
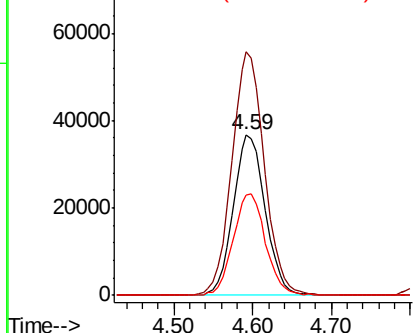


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

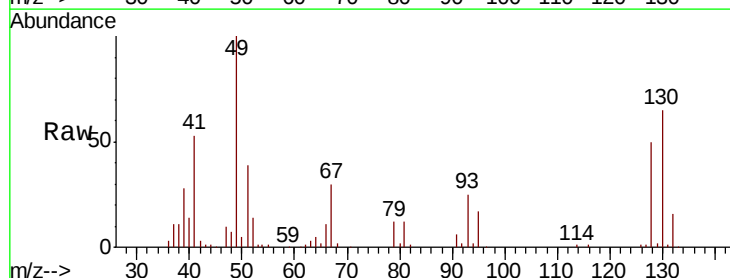
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 49.304 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Tgt Ion	49	Resp	66623
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.8
130	64.2	51.2	76.8

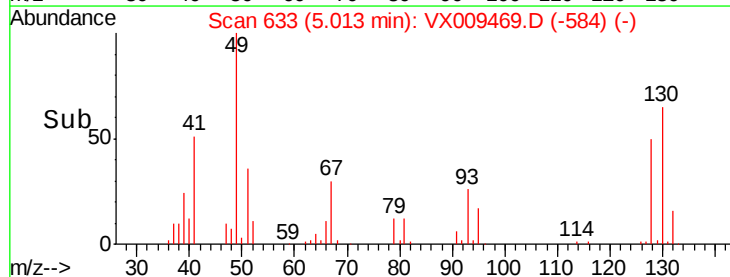
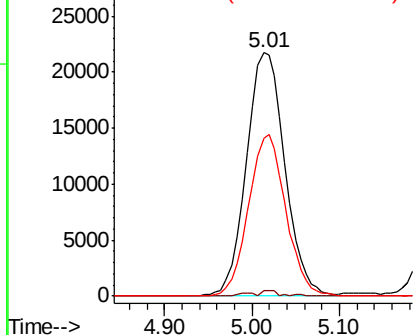


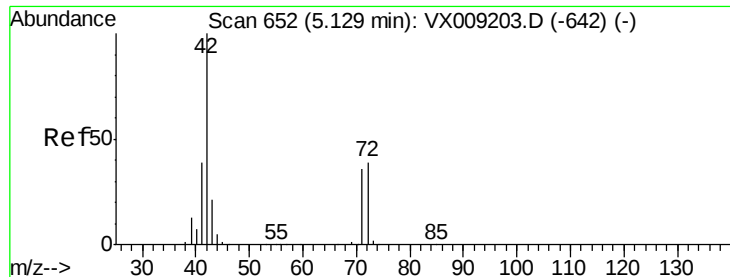
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 275.937 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

ClientSampleId :

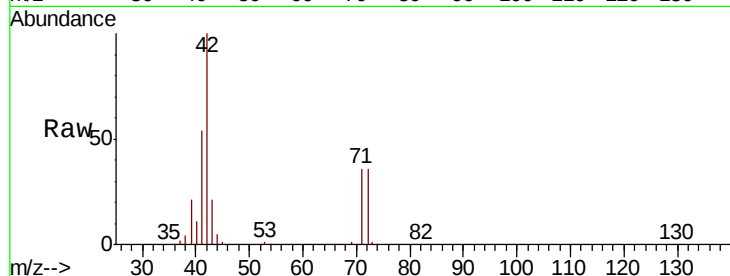
Tot Ion: 42 Resp: 312739

Ion Ratio Lower Upper

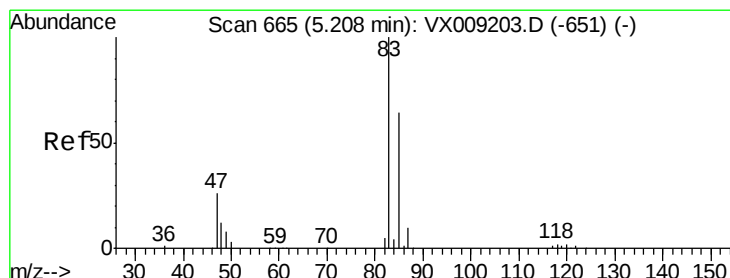
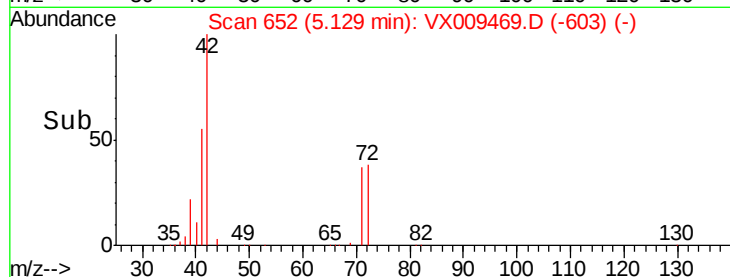
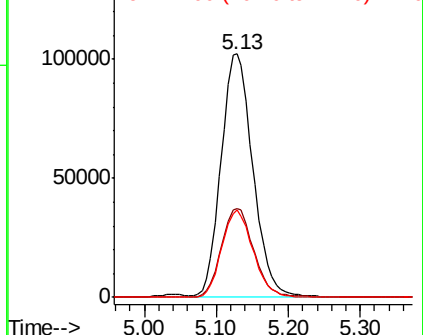
42 100

72 37.6 30.4 45.6

71 35.6 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 55.602 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX009469.D

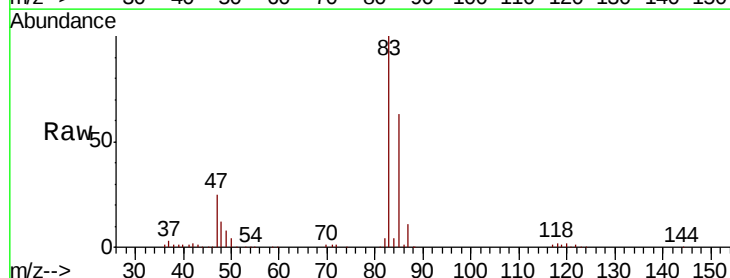
Acq: 10 May 2019 08:05

Tgt Ion: 83 Resp: 168679

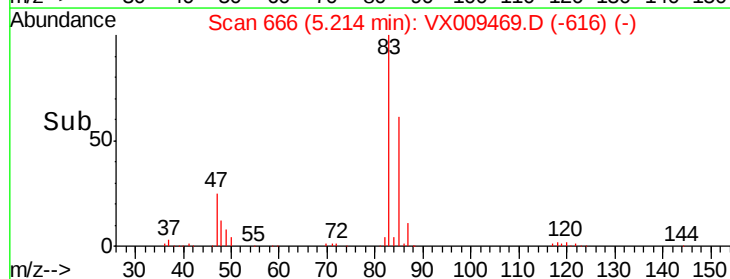
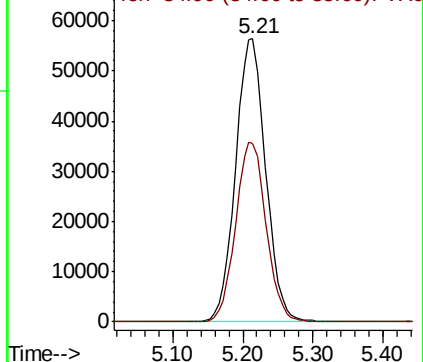
Ion Ratio Lower Upper

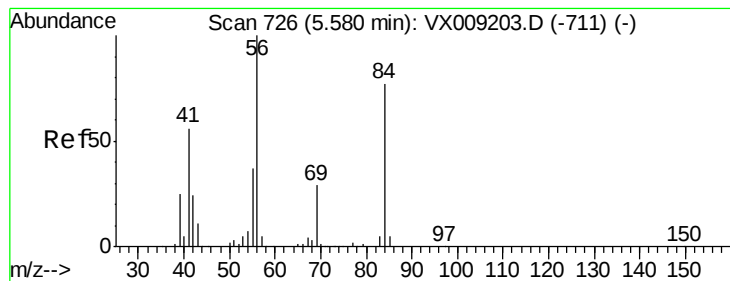
83 100

85 62.8 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 54.593 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

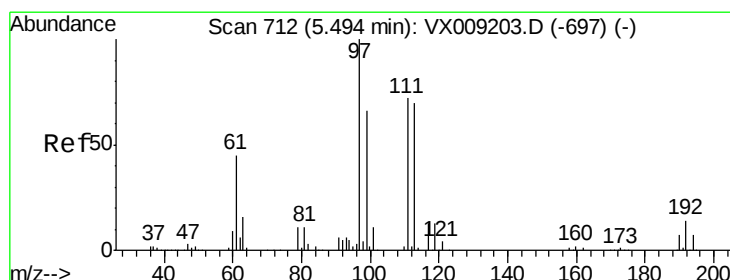
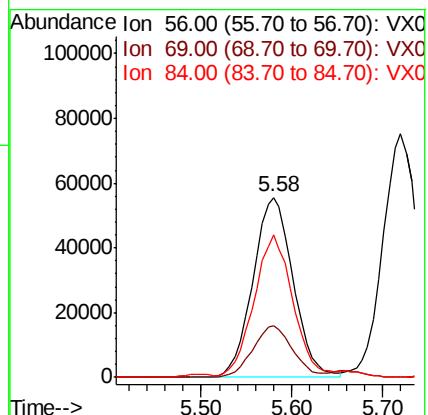
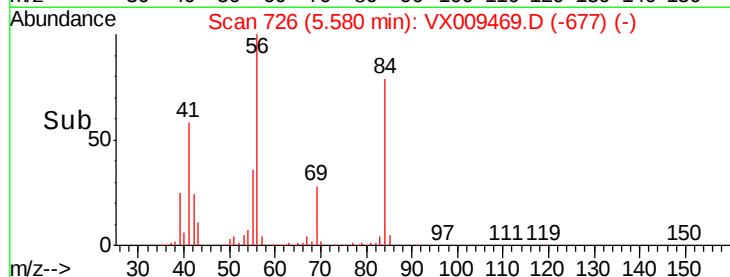
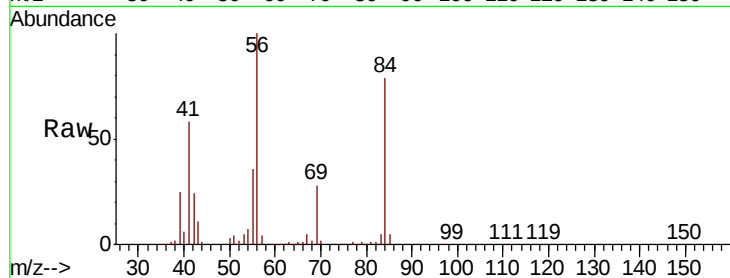
Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 170367

Ion	Ratio	Lower	Upper
56	100		
69	28.4	23.4	35.0
84	77.8	61.9	92.9



#32

1,1,1-Trichloroethane

Concen: 55.577 ug/l

RT: 5.49 min Scan# 712

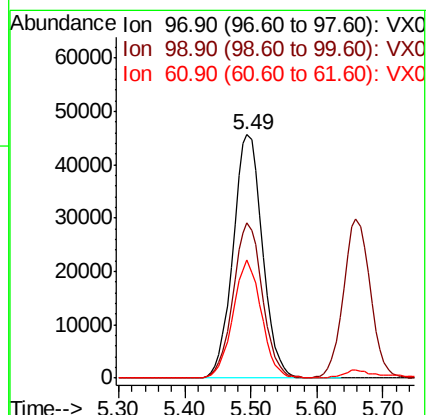
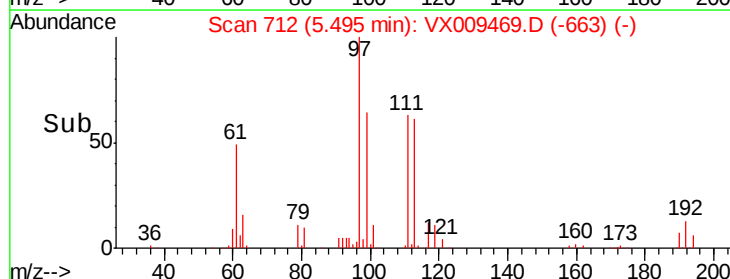
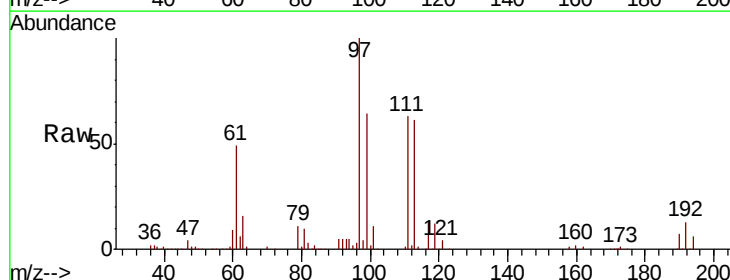
Delta R.T. 0.00 min

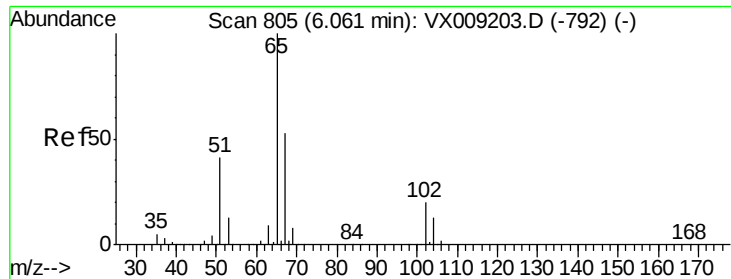
Lab File: VX009469.D

Acq: 10 May 2019 08:05

Tgt Ion: 97 Resp: 140355

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.8	77.8
61	47.1	37.8	56.8

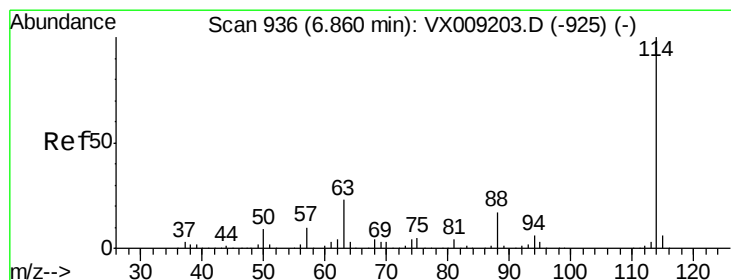
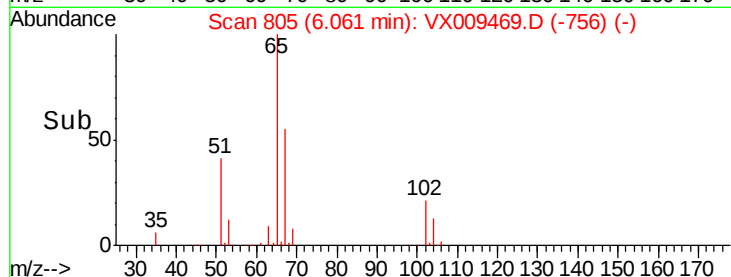
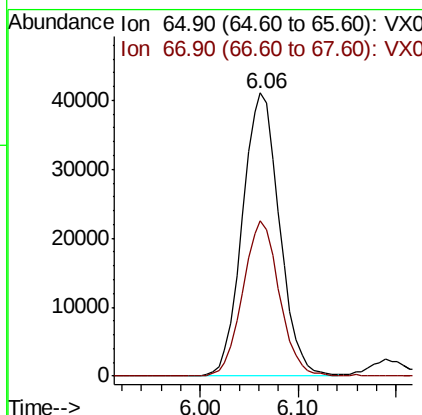
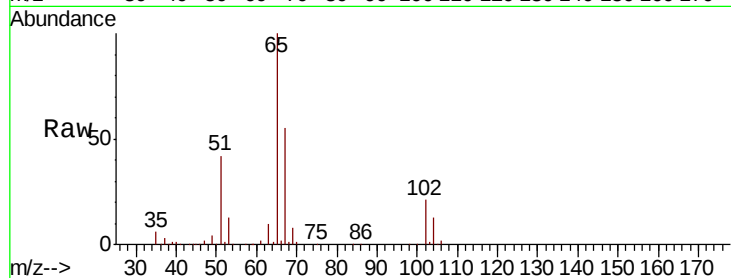




#33
 1,2-Dichloroethane-d4
 Concen: 51.279 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

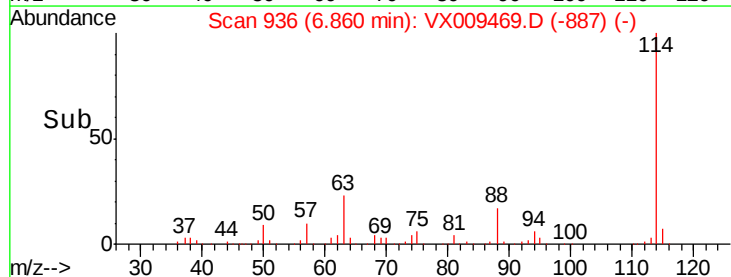
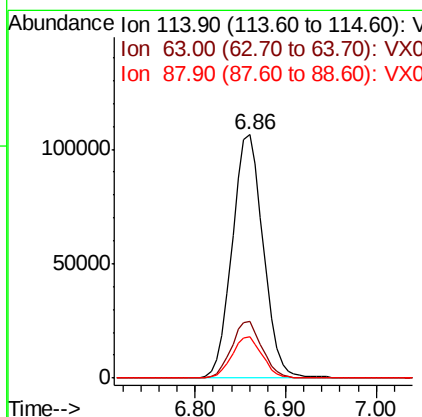
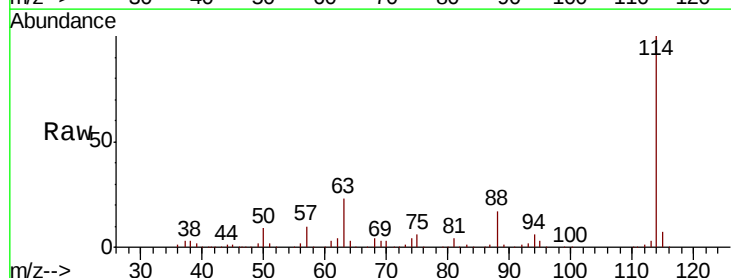
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 108239
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

Tgt Ion: 114 Resp: 253132
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.6
 88 17.0 0.0 33.2

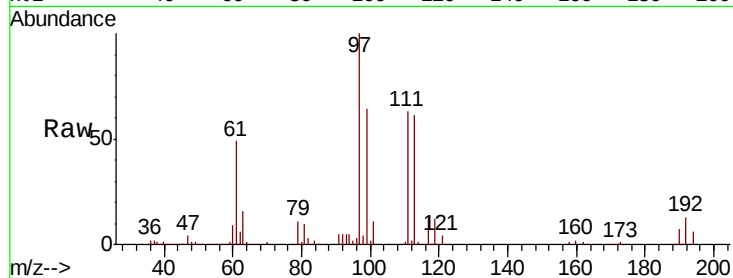




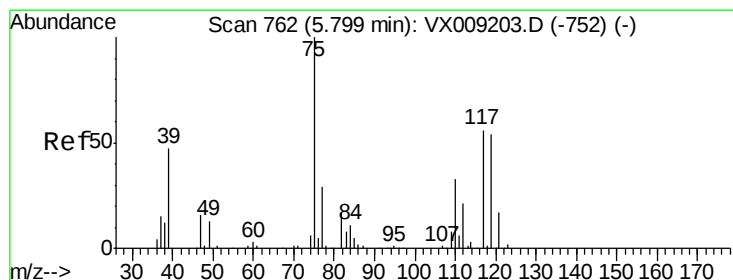
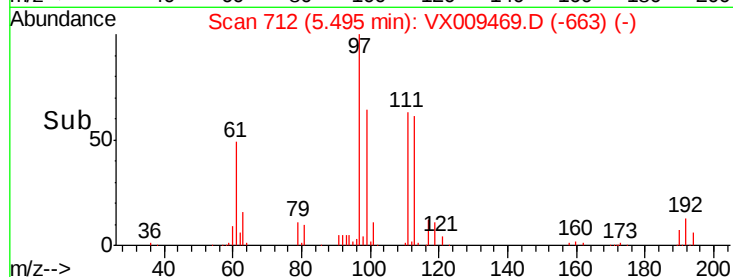
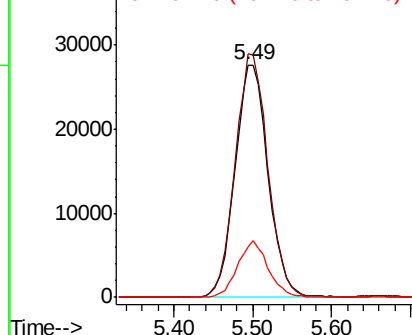
#35
Dibromofluoromethane
Concen: 50.732 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 80730
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 22.4 17.0 25.6

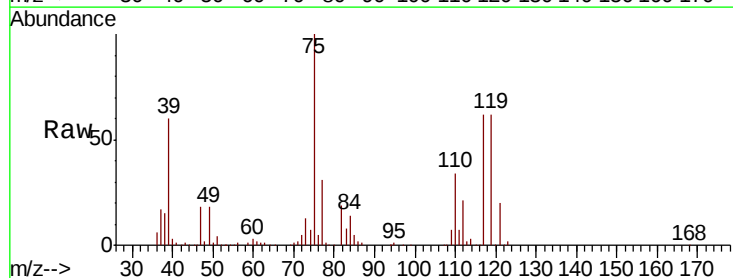


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

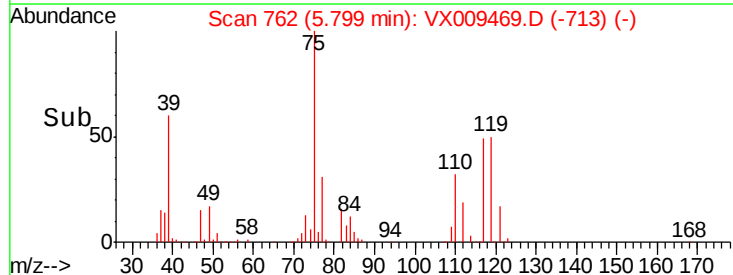
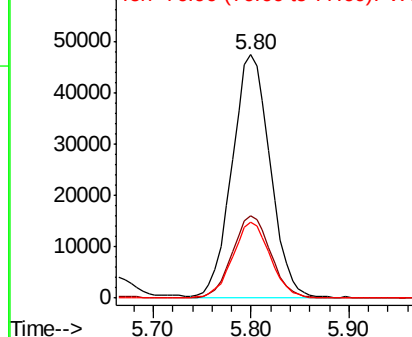


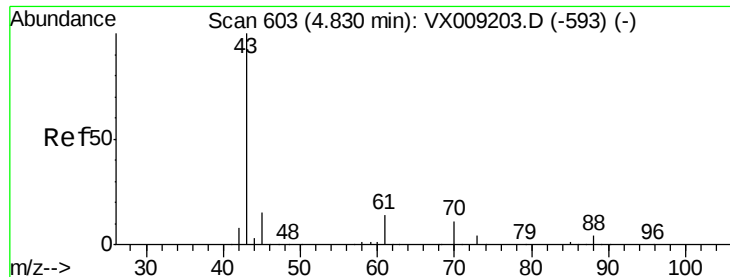
#36
1,1-Dichloropropene
Concen: 54.063 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Tgt Ion: 75 Resp: 127178
Ion Ratio Lower Upper
75 100
110 34.3 16.9 50.6
77 31.5 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 54.798 ug/l

RT: 4.83 min Scan# 603

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

ClientSampled :

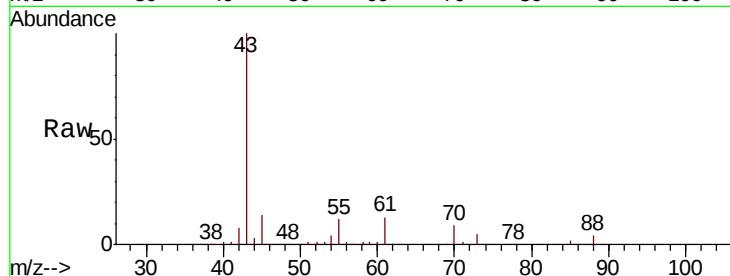
Tot Ion: 43 Resp: 179605

Ion Ratio Lower Upper

43 100

61 12.9 10.5 15.7

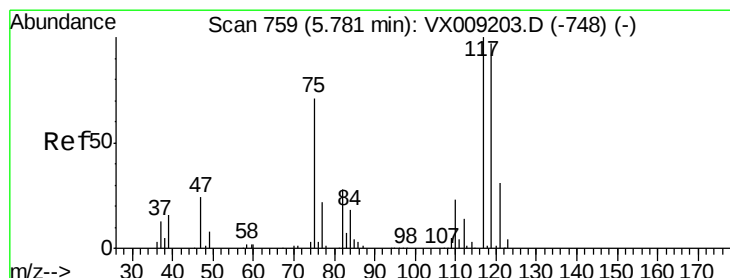
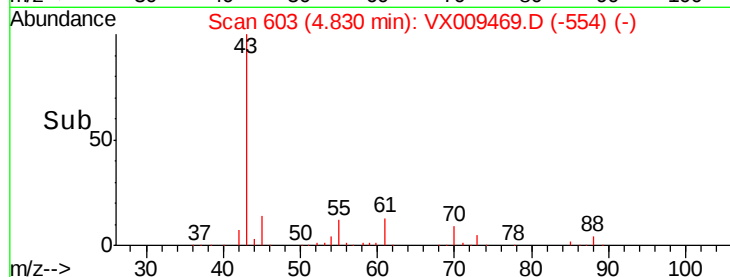
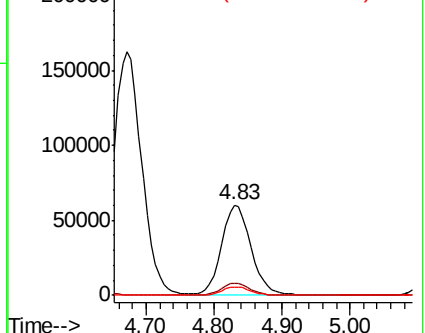
70 9.4 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 54.832 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

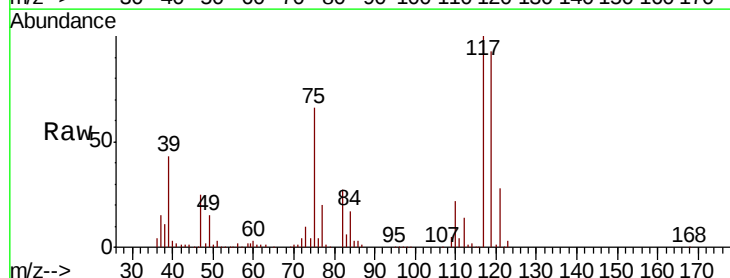
Tgt Ion: 117 Resp: 117193

Ion Ratio Lower Upper

117 100

119 92.7 77.5 116.3

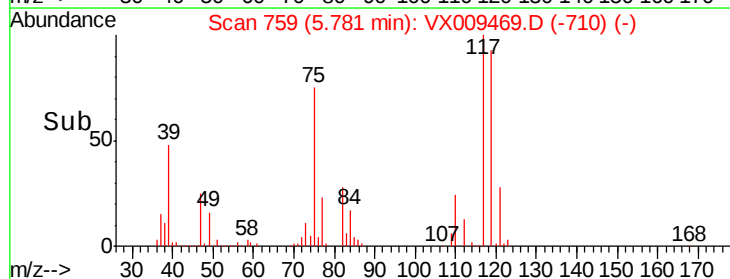
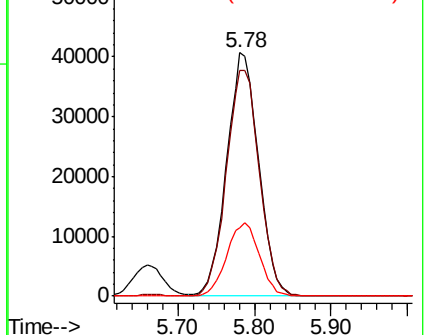
121 28.2 24.7 37.1

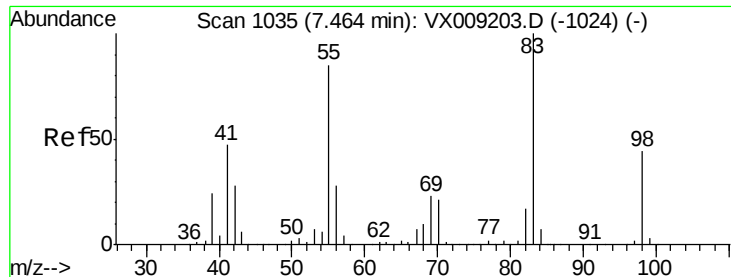


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

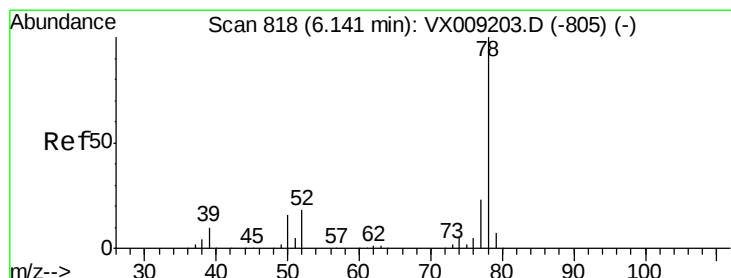
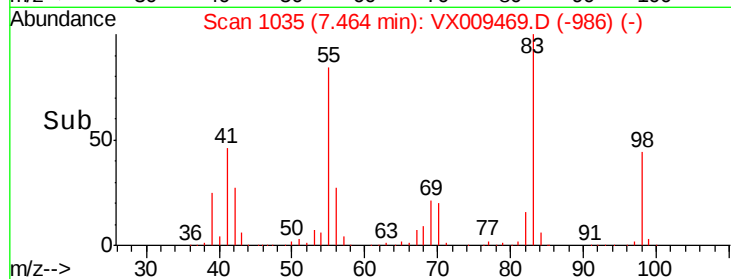
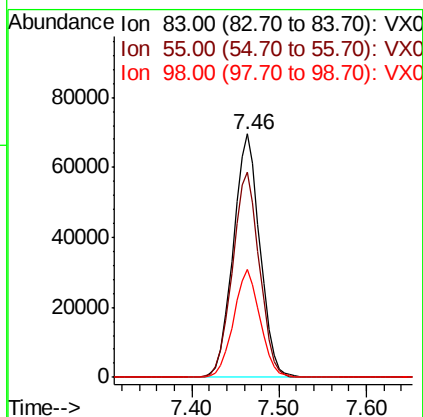
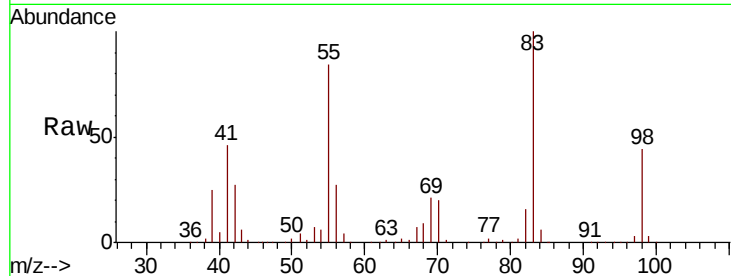




#39
Methvlcvclohexane
Concen: 51.071 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

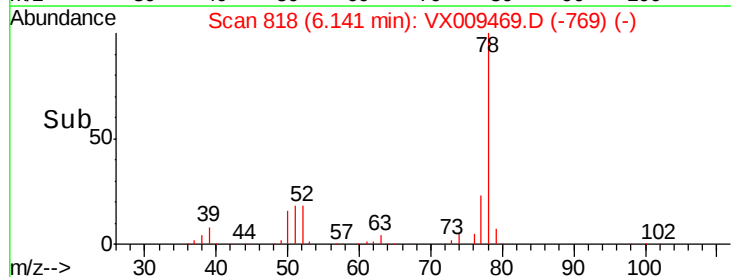
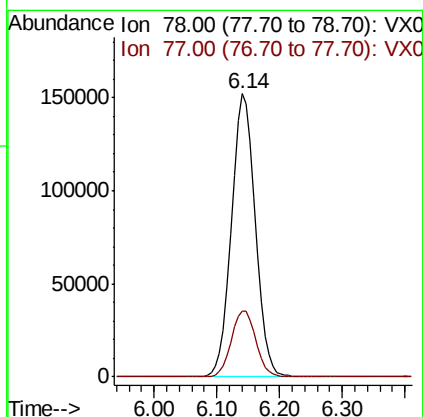
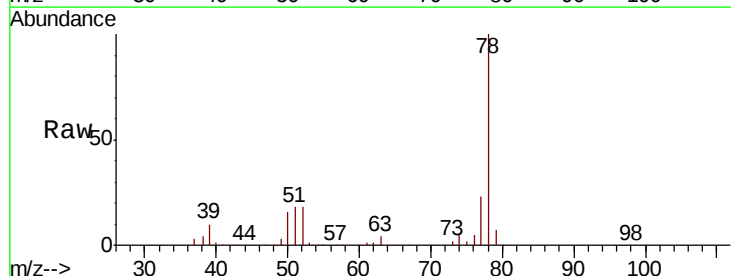
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 147543
Ion Ratio Lower Upper
83 100
55 84.3 67.7 101.5
98 44.4 35.5 53.3



#40
Benzene
Concen: 54.974 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Tgt Ion: 78 Resp: 400227
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2

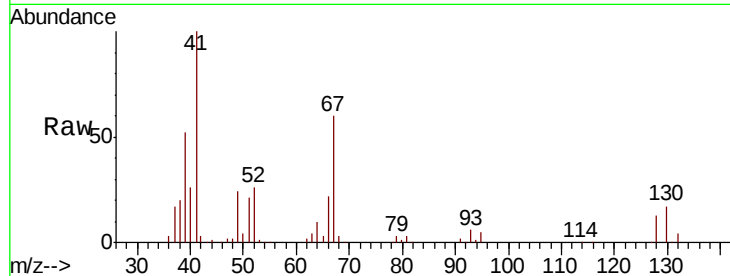




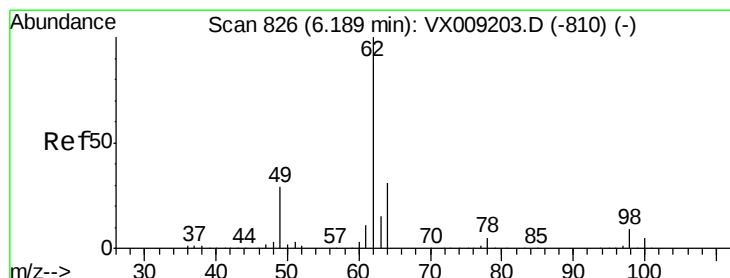
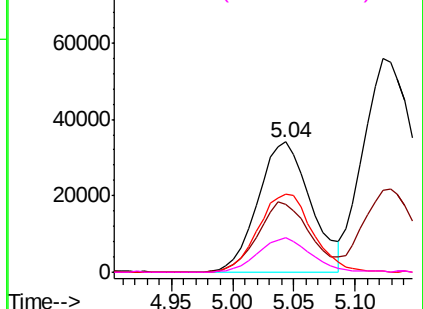
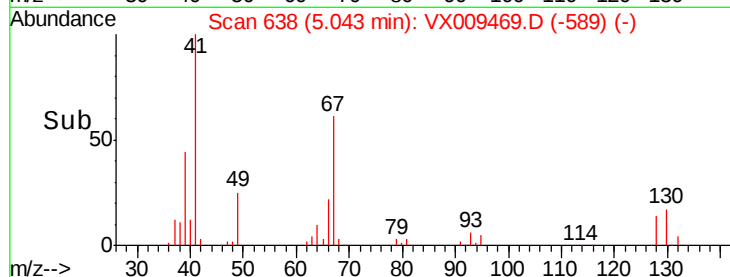
#41
Methacrylonitrile
Concen: 52.554 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	102535
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.0	63.0
67	62.1	49.8	74.8
52	26.0	20.3	30.5

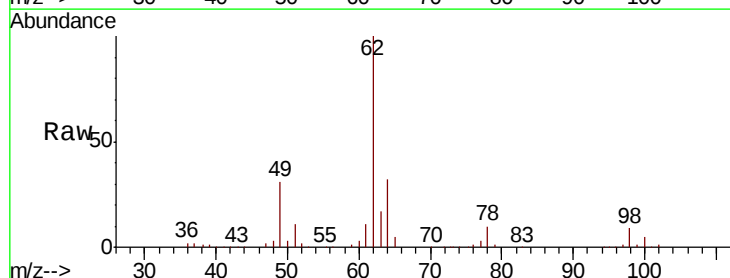


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

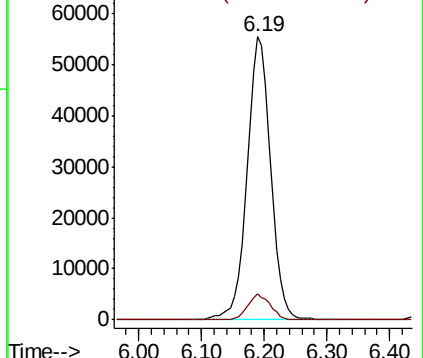
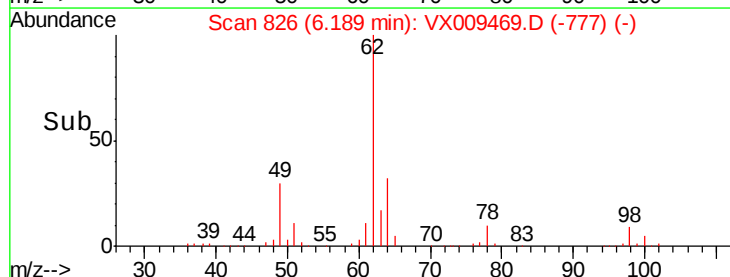


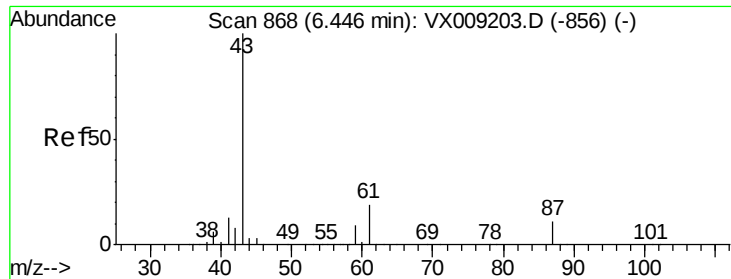
#42
1,2-Dichloroethane
Concen: 55.198 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Tgt Ion:	62	Resp:	144151
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.835 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

ClientSampleId :

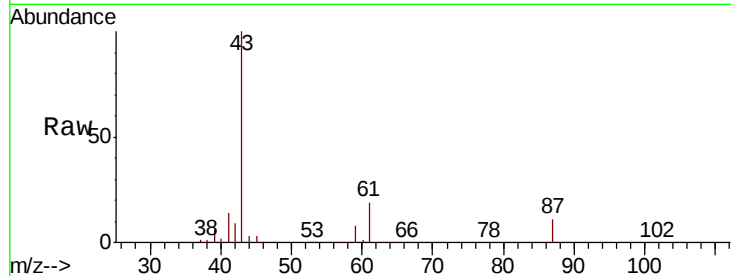
Tot Ion: 43 Resp: 287479

Ion Ratio Lower Upper

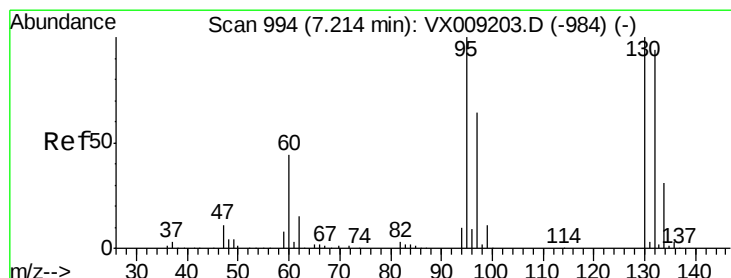
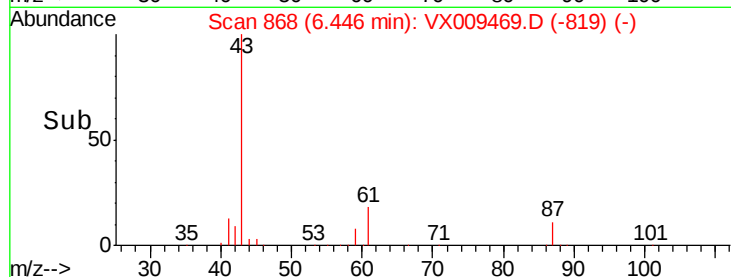
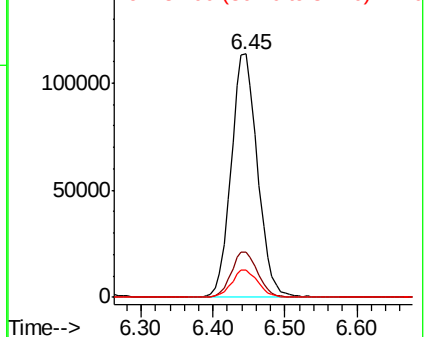
43 100

61 18.8 15.1 22.7

87 11.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 53.889 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009469.D

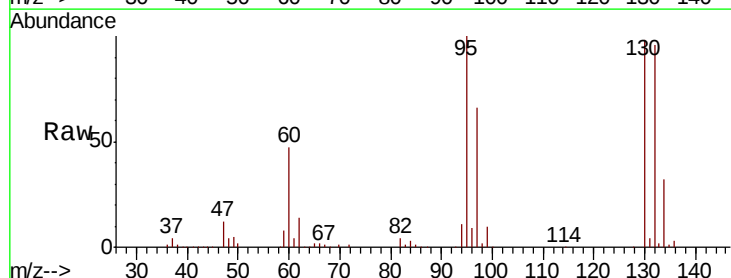
Acq: 10 May 2019 08:05

Tgt Ion:130 Resp: 94845

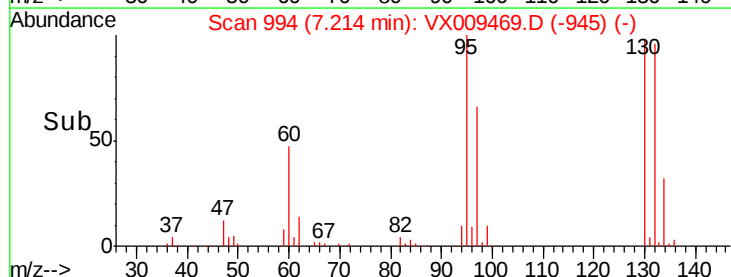
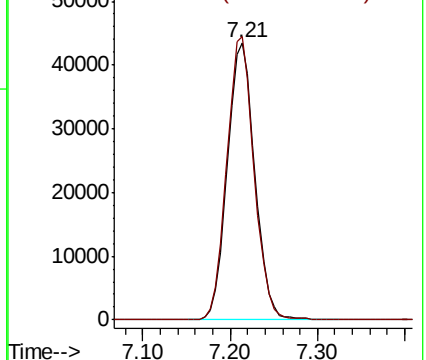
Ion Ratio Lower Upper

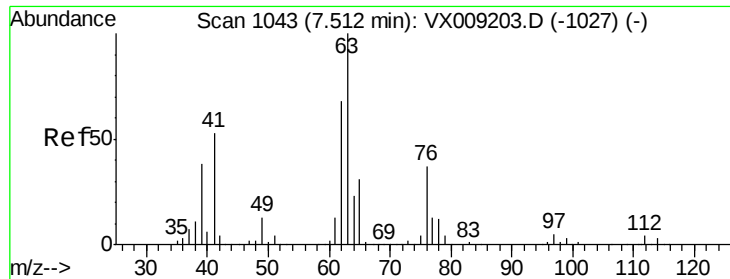
130 100

95 102.2 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 54.795 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

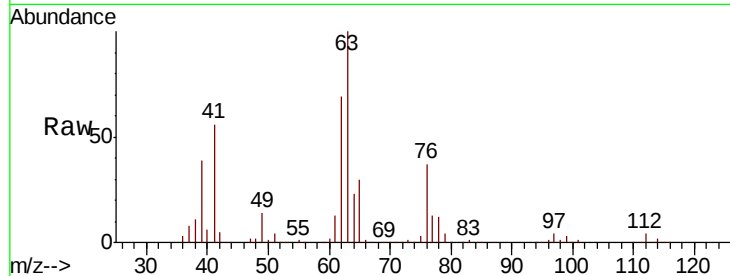
ClientSampled :

Tot Ion: 63 Resp: 112959

Ion Ratio Lower Upper

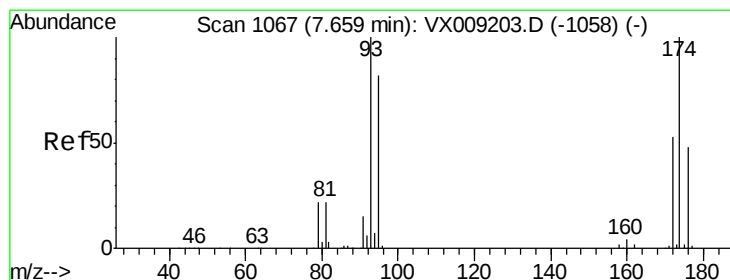
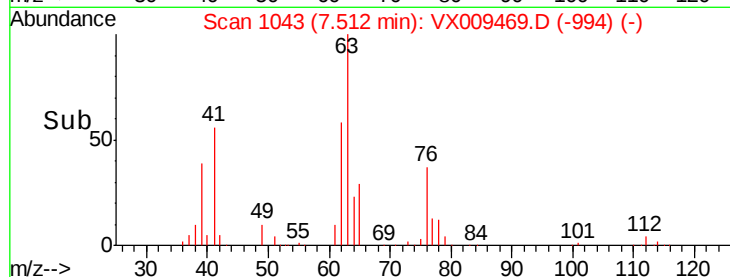
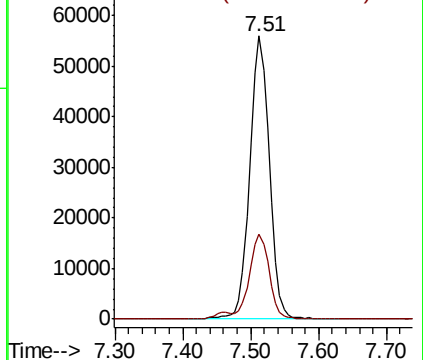
63 100

65 30.0 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.376 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

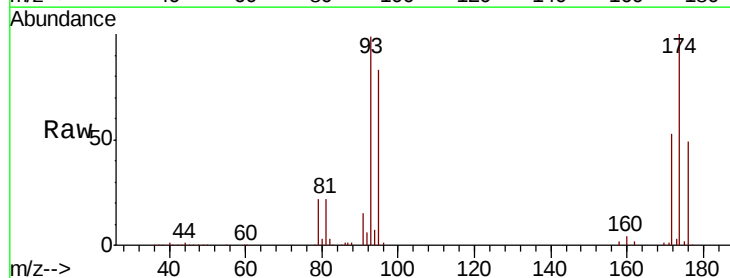
Tgt Ion: 93 Resp: 65094

Ion Ratio Lower Upper

93 100

95 82.2 66.5 99.7

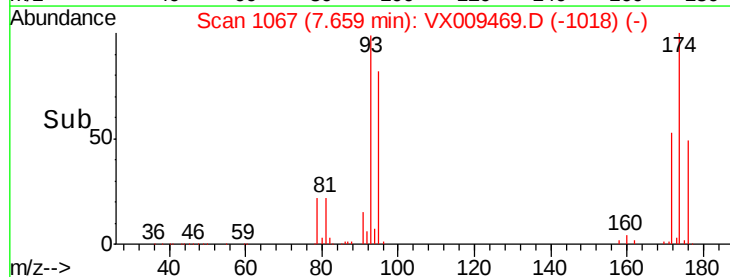
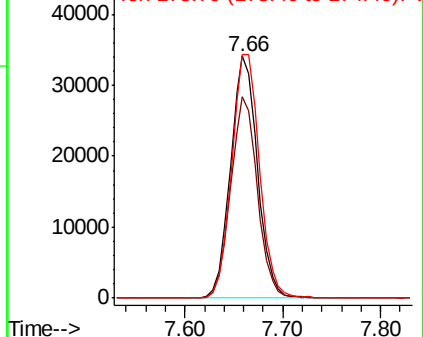
174 104.2 82.1 123.1

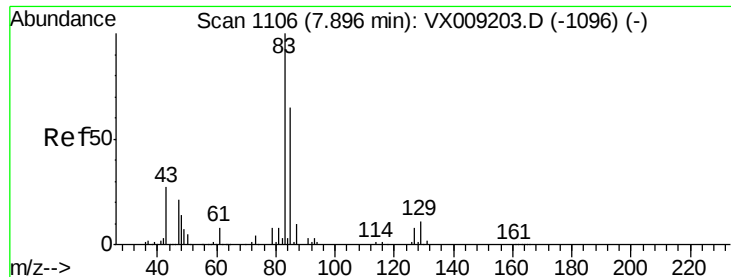


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

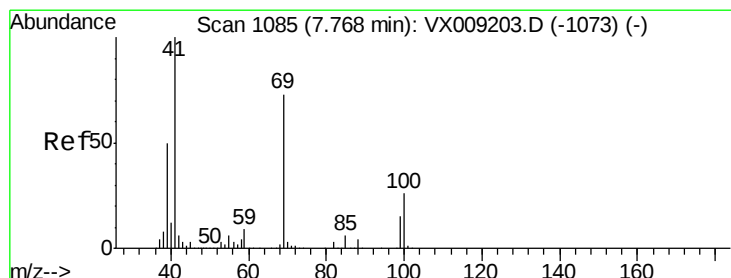
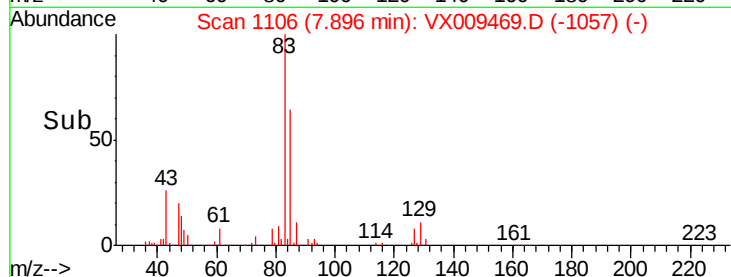
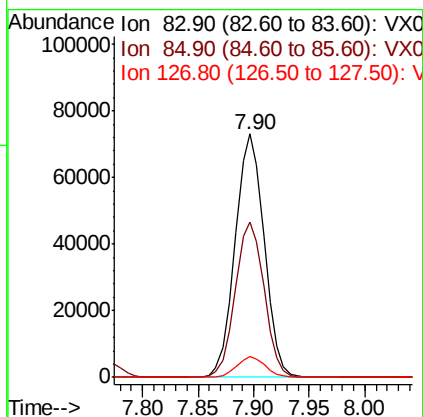
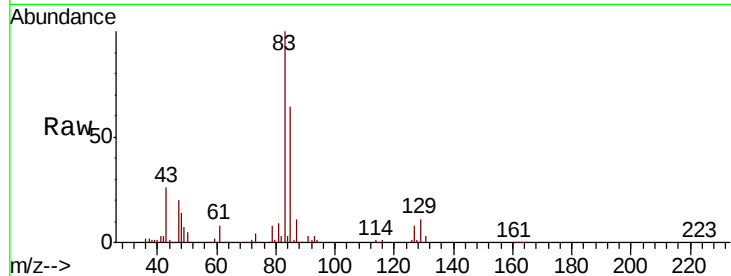




#47
 Bromodichloromethane
 Concen: 55.165 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

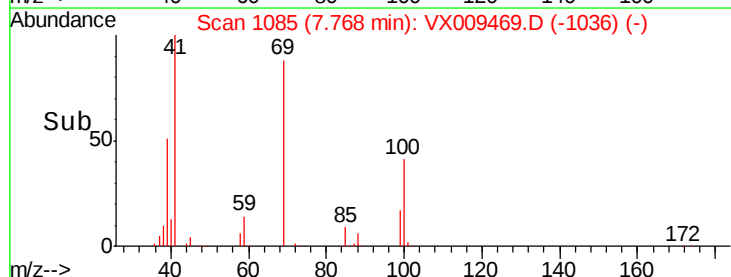
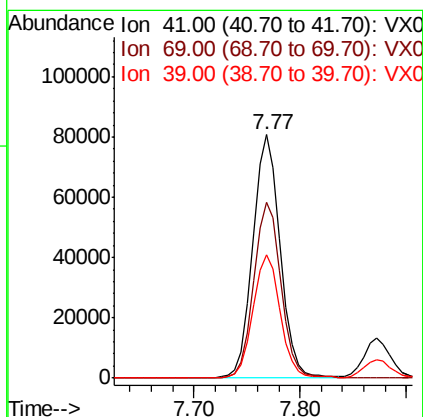
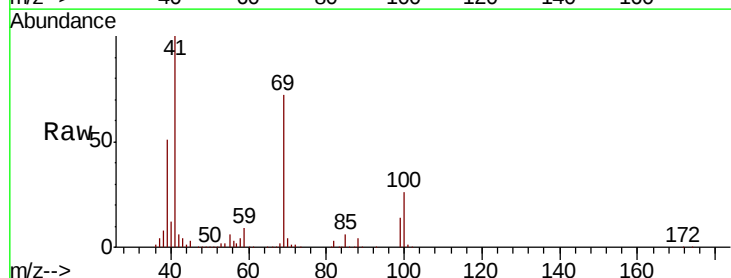
Instrument :
 MSVOA_X
 ClientSampleId :

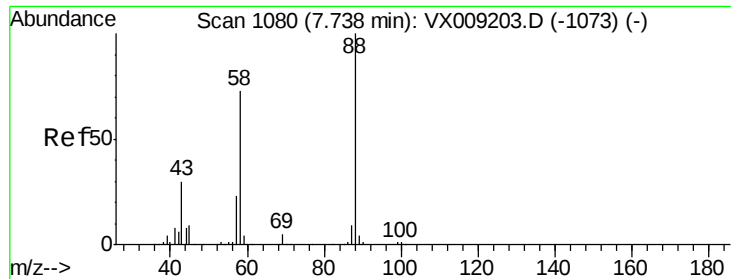
Tot Ion: 83 Resp: 131731
 Ion Ratio Lower Upper
 83 100
 85 63.9 52.4 78.6
 127 8.4 6.6 10.0



#48
 Methyl methacrylate
 Concen: 55.774 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

Tgt Ion: 41 Resp: 145068
 Ion Ratio Lower Upper
 41 100
 69 73.0 59.1 88.7
 39 50.5 40.4 60.6

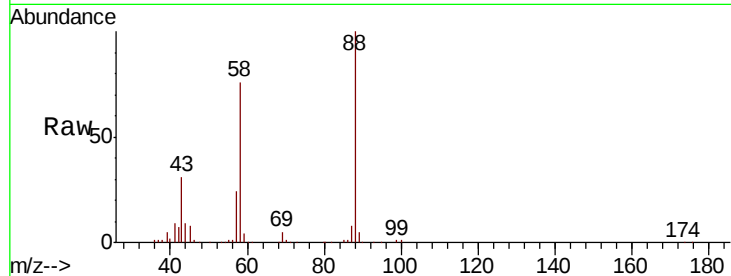




#49
1,4-Dioxane
Concen: 1041.118 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	54917
Ion	Ratio	Lower	Upper
88	100		
43	36.5	28.6	42.8
58	77.7	61.7	92.5

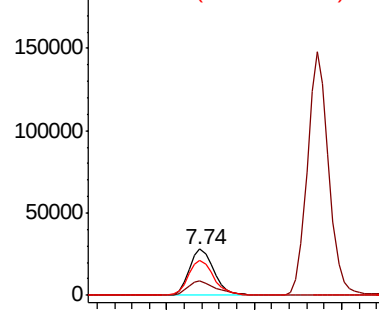


Abundance

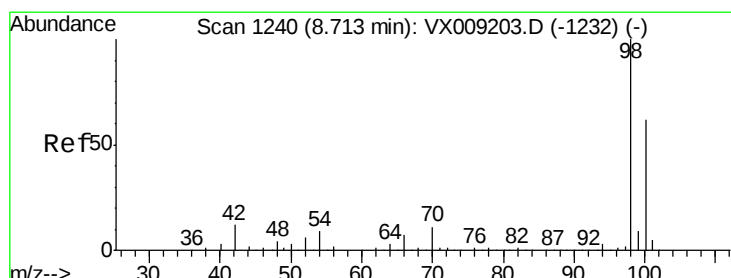
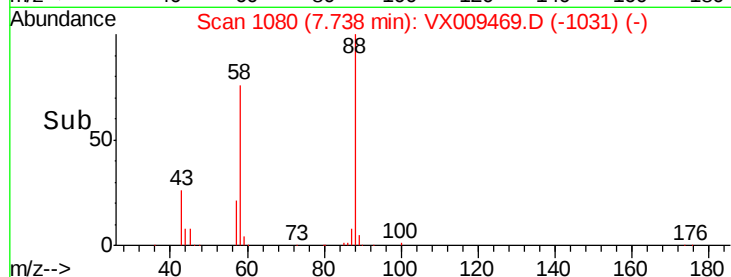
Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

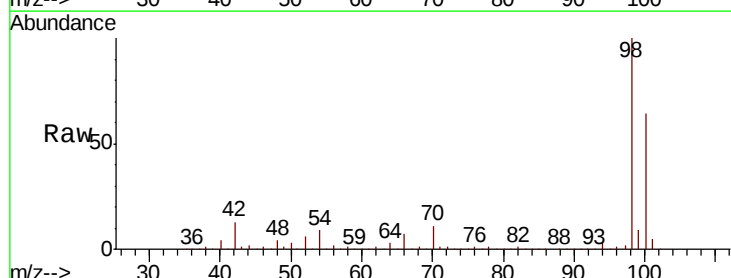


Time-->



#50
Toluene-d8
Concen: 50.267 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

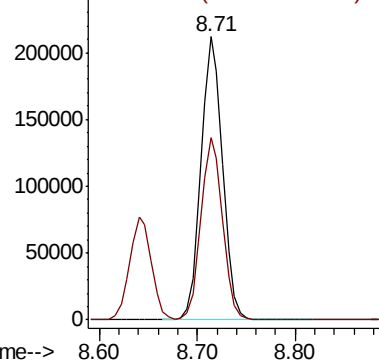
Tgt Ion	98	Resp	322938
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8



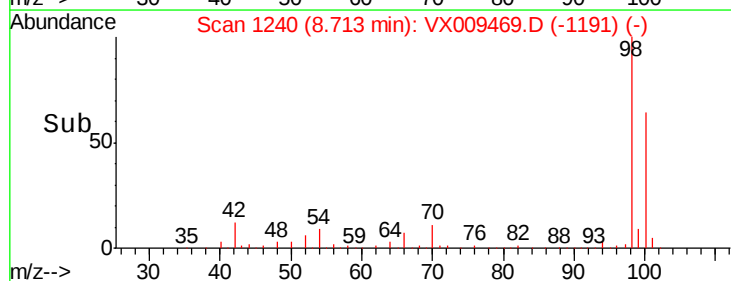
Abundance

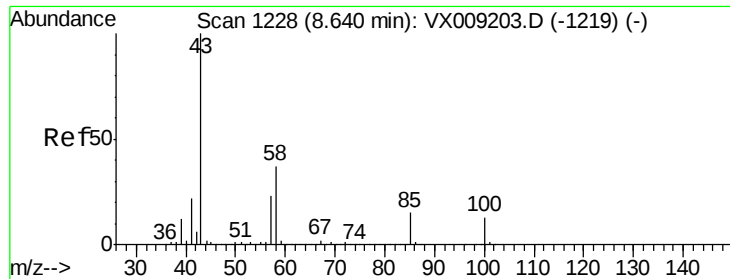
Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->





#51

4-Methyl-2-Pentanone

Concen: 274.203 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

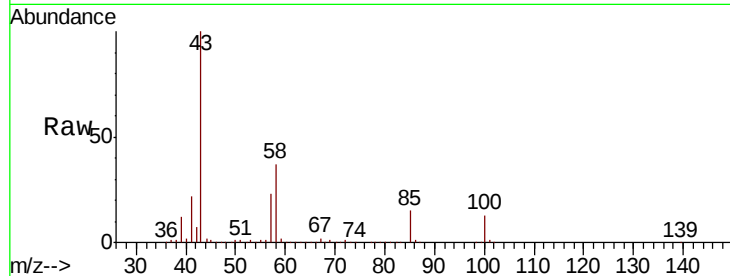
ClientSampleId :

Tot Ion: 43 Resp: 939613

Ion Ratio Lower Upper

43 100

58 36.7 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX009203.D (-1219) (-)

Ion 58.00 (57.70 to 58.70): VX009203.D (-1219) (-)

8.64

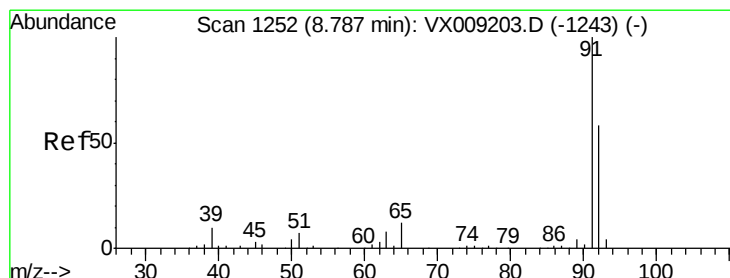
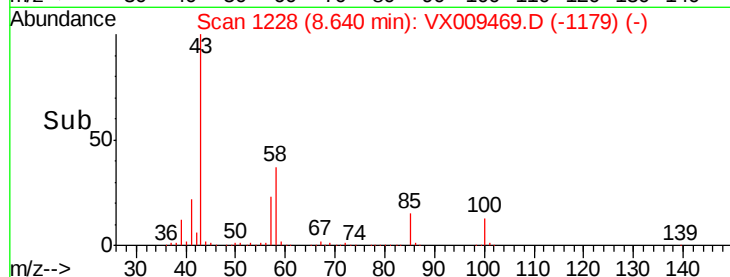
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 54.722 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009469.D

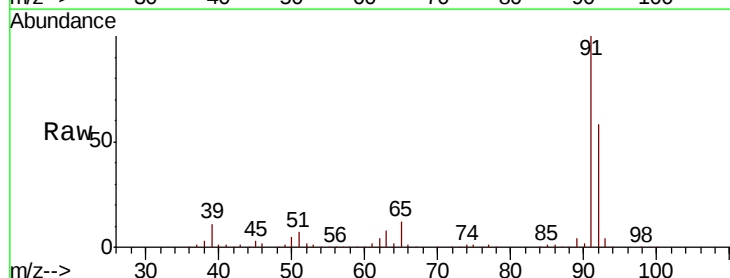
Acq: 10 May 2019 08:05

Tgt Ion: 92 Resp: 242171

Ion Ratio Lower Upper

92 100

91 174.1 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX009203.D (-1243) (-)

Ion 91.00 (90.70 to 91.70): VX009203.D (-1243) (-)

8.78

300000

250000

200000

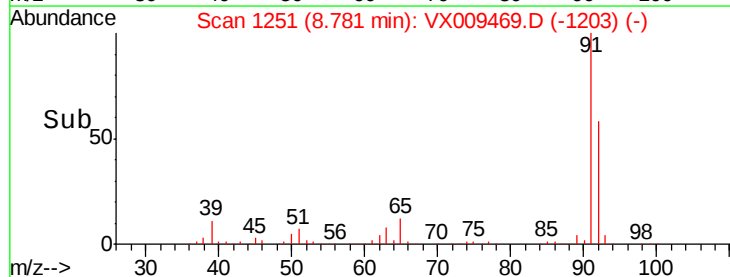
150000

100000

50000

0

Time-->

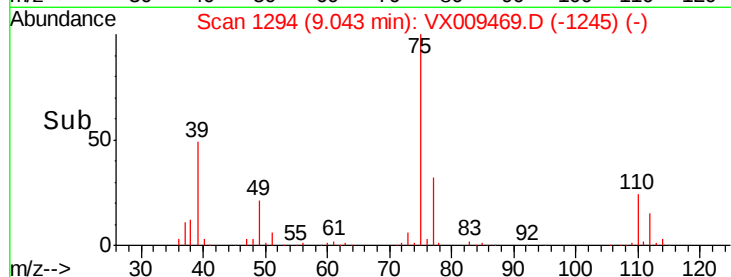
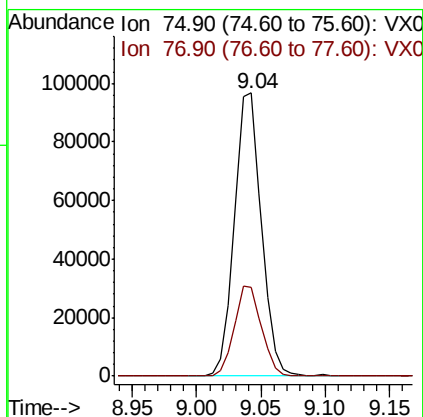
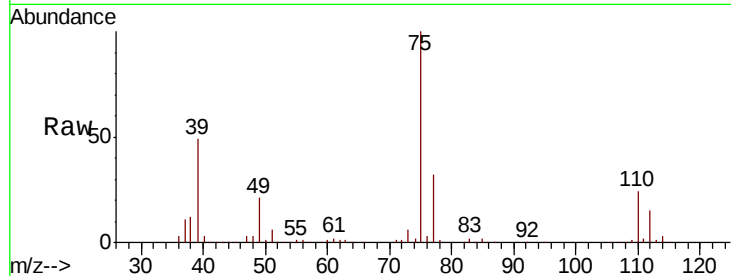




#53
t-1,3-Dichloropropene
Concen: 52.437 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

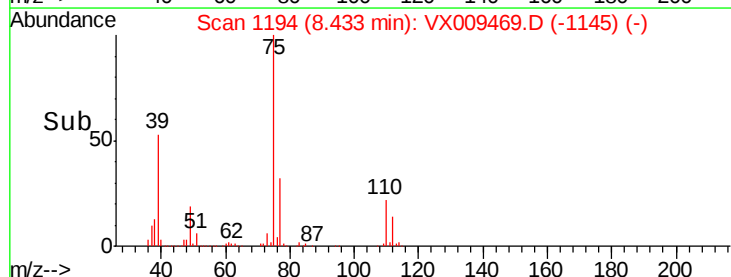
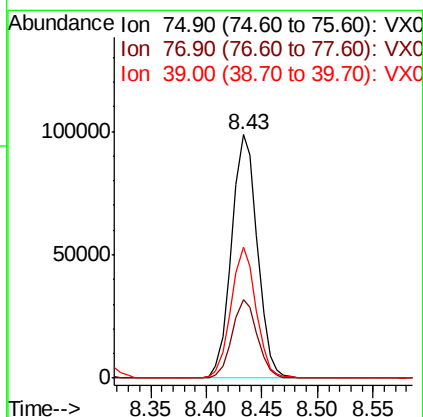
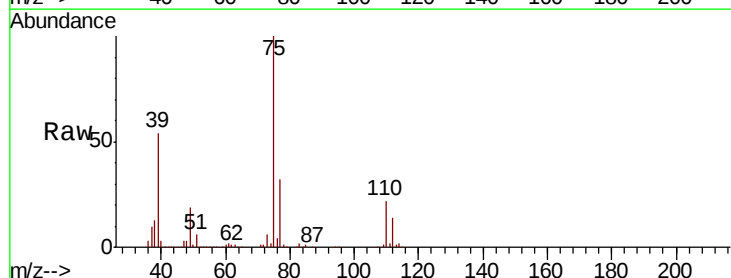
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 141370
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 53.166 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Tgt Ion: 75 Resp: 158649
Ion Ratio Lower Upper
75 100
77 32.3 24.6 36.8
39 53.5 40.6 60.8

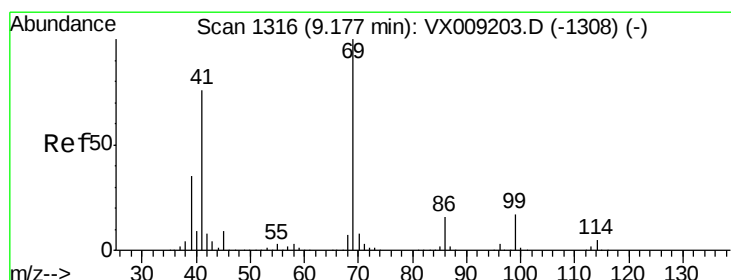
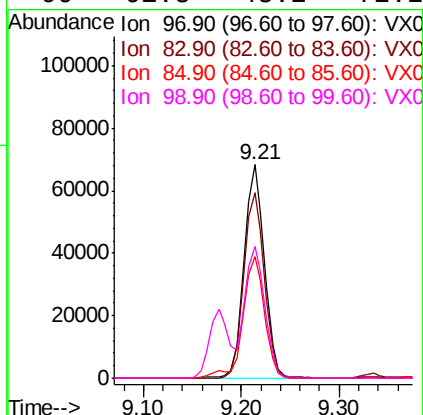
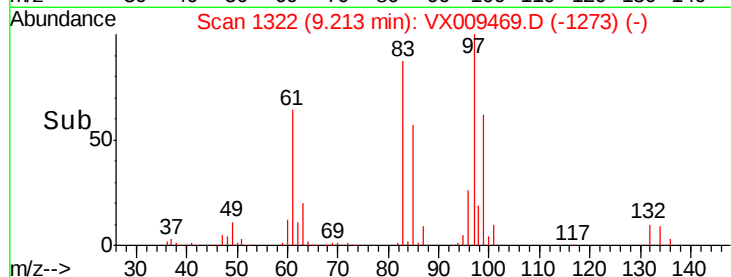
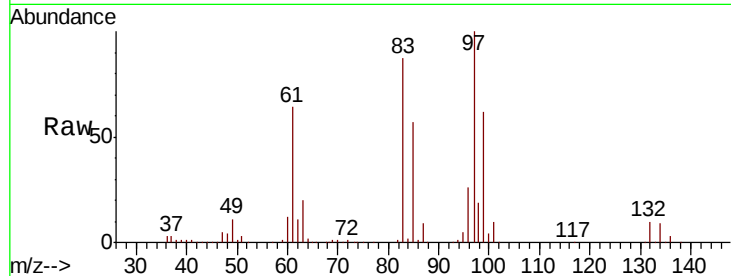




#55
 1,1,2-Trichloroethane
 Concen: 54.617 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

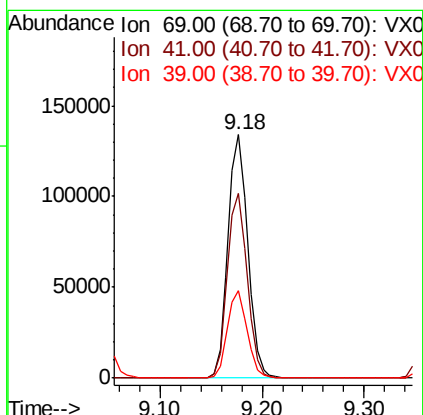
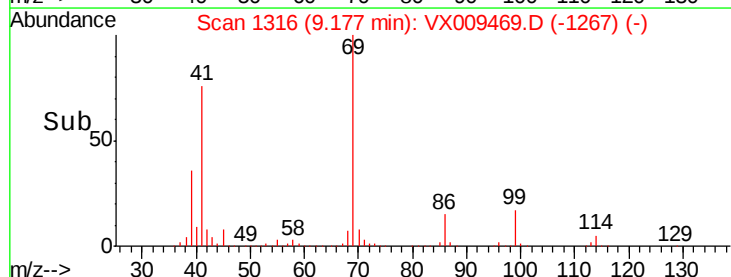
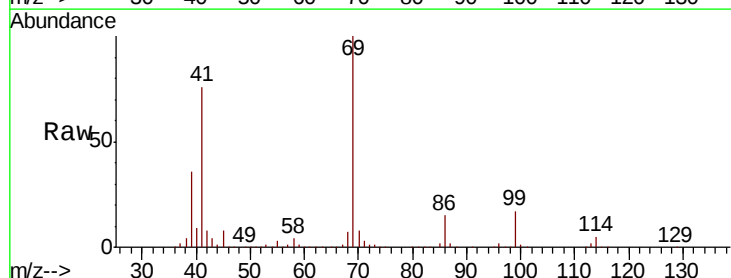
Instrument :
 MSVOA_X
 ClientSampleId :

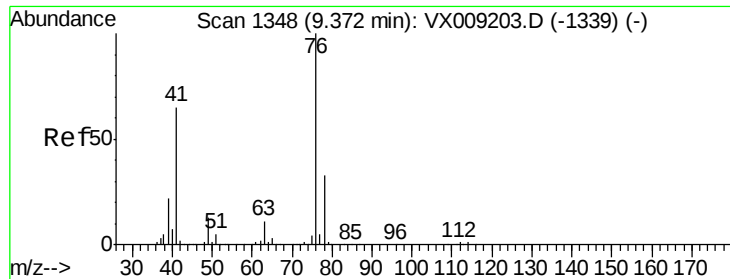
Tot Ion:	97	Resp:	98609
Ion	Ratio	Lower	Upper
97	100		
83	86.8	68.9	103.3
85	56.8	43.8	65.6
99	61.8	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 55.820 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

Tgt Ion:	69	Resp:	179899
Ion	Ratio	Lower	Upper
69	100		
41	75.9	60.6	90.8
39	35.6	28.2	42.4





#57

1,3-Dichloropropane

Concen: 53.931 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

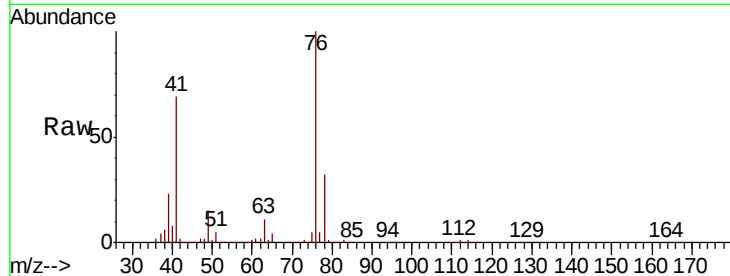
ClientSampleId :

Tot Ion: 76 Resp: 171349

Ion Ratio Lower Upper

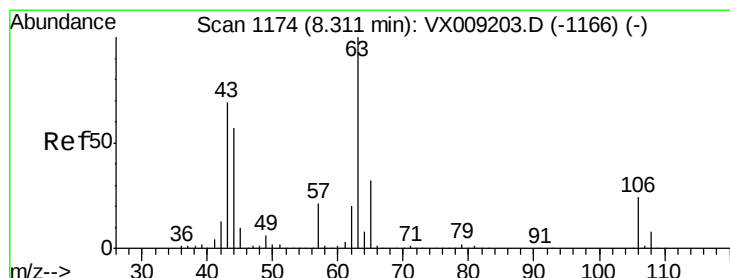
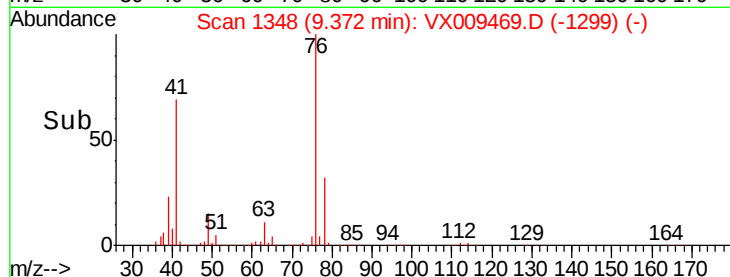
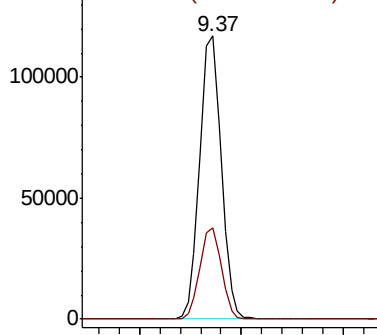
76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 247.419 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009469.D

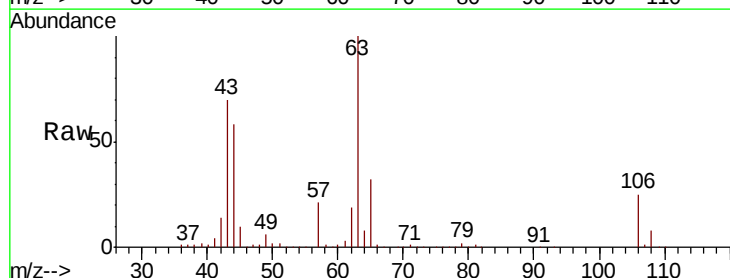
Acq: 10 May 2019 08:05

Tgt Ion: 63 Resp: 423015

Ion Ratio Lower Upper

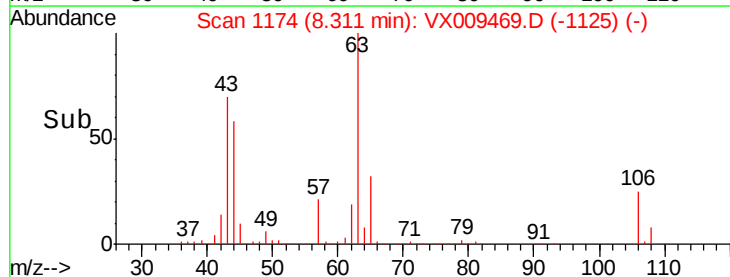
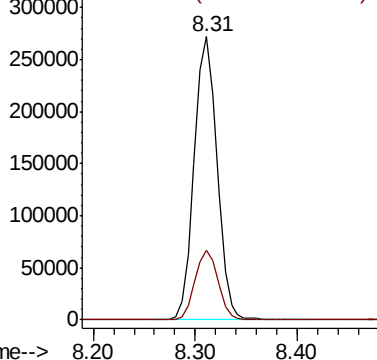
63 100

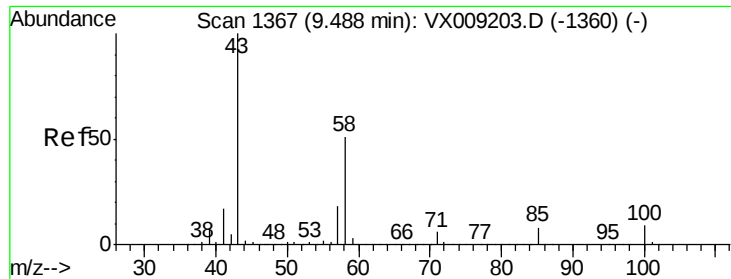
106 24.6 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

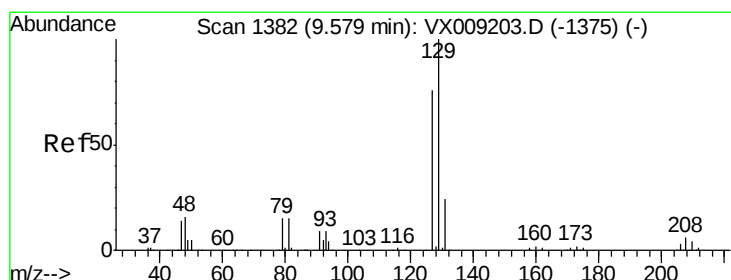
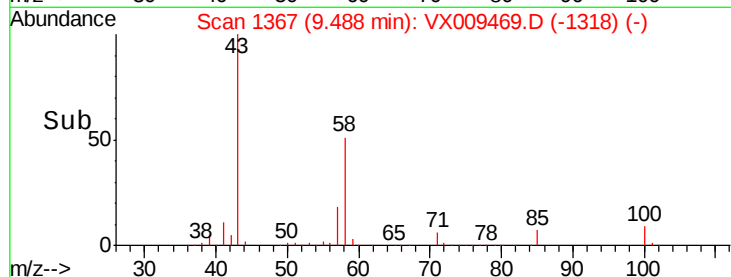
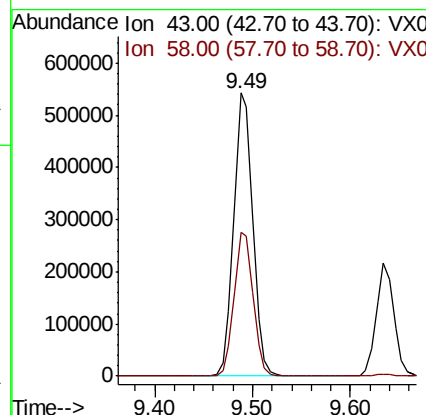
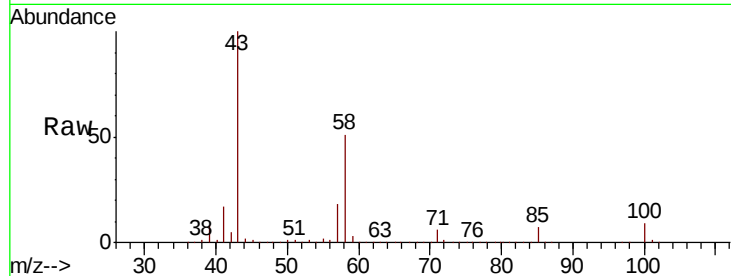




#59
2-Hexanone
Concen: 272.945 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

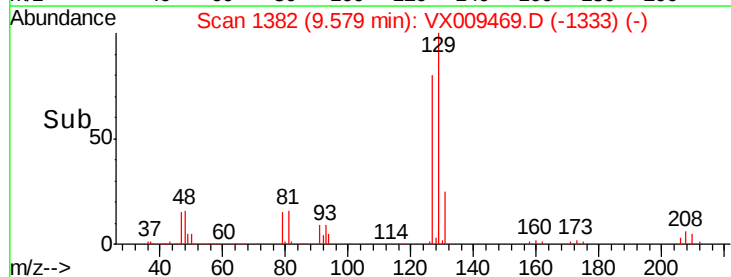
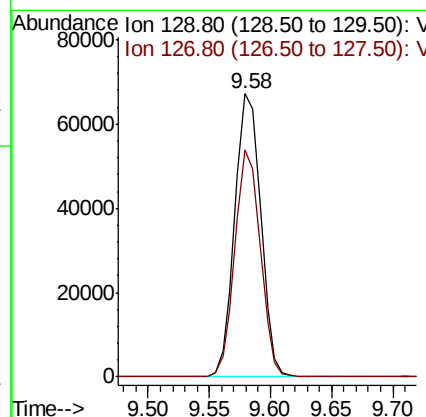
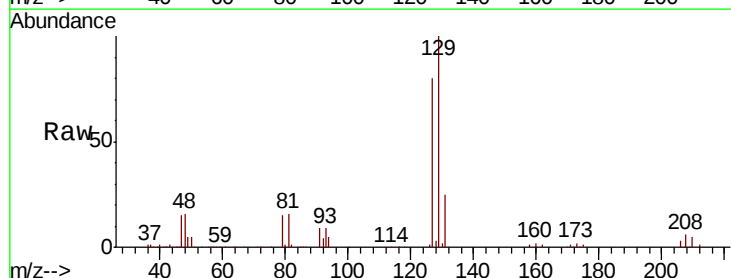
Instrument :
MSVOA_X
ClientSampleId :

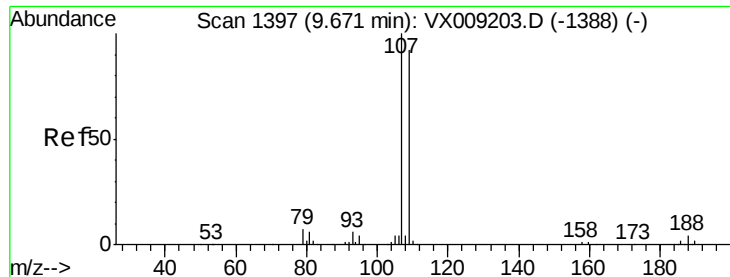
Tot Ion: 43 Resp: 734575
Ion Ratio Lower Upper
43 100
58 51.1 25.9 77.7



#60
Dibromochloromethane
Concen: 56.006 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Tgt Ion: 129 Resp: 98759
Ion Ratio Lower Upper
129 100
127 78.2 38.4 115.1

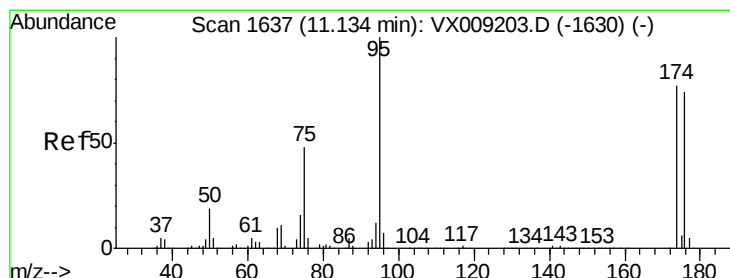
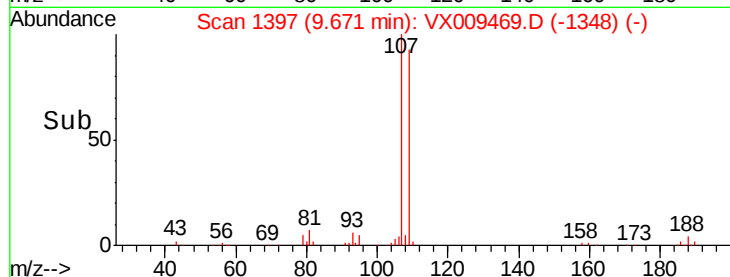
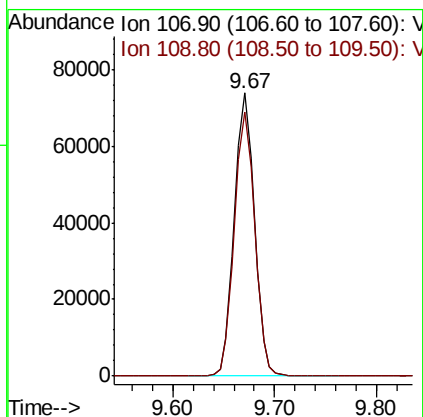
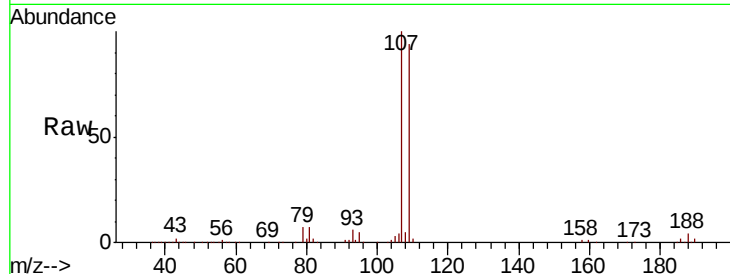




#61
 1,2-Dibromoethane
 Concen: 55.187 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

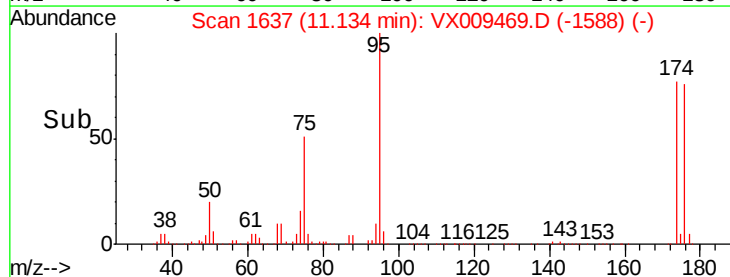
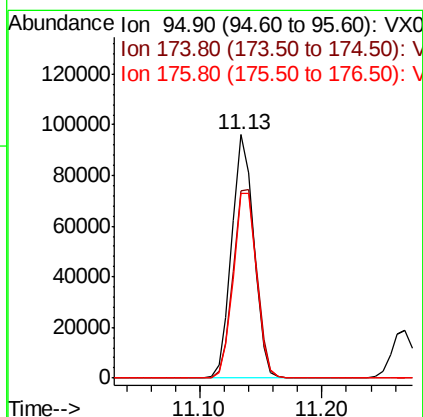
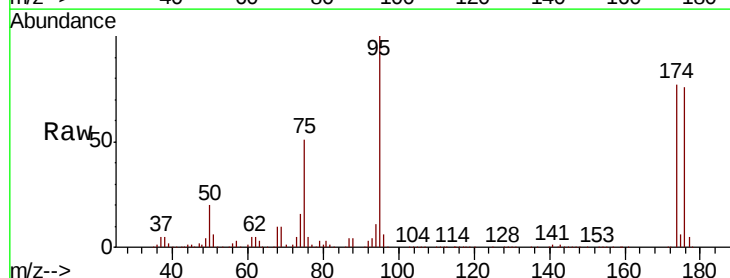
Instrument :
 MSVOA_X
 ClientSampleId :

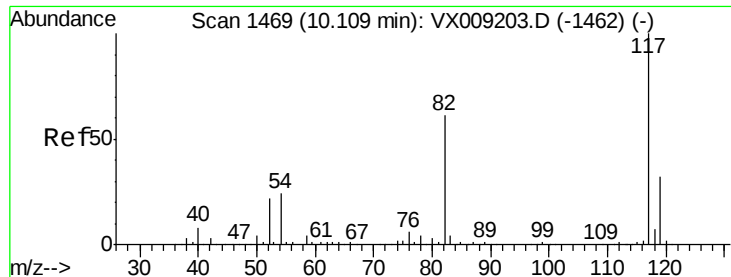
Tot Ion:107 Resp: 100578
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 51.217 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

Tgt Ion: 95 Resp: 119561
 Ion Ratio Lower Upper
 95 100
 174 82.9 0.0 161.6
 176 79.9 0.0 159.2

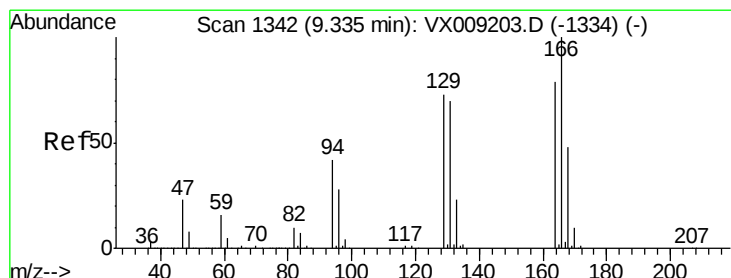
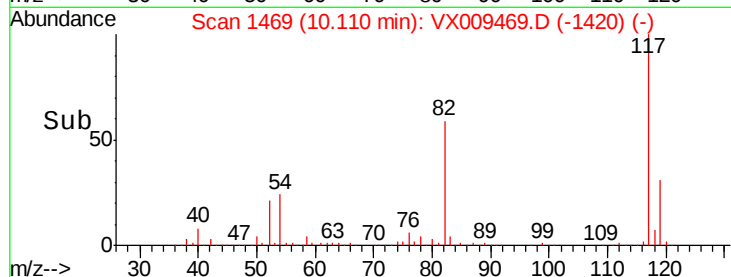
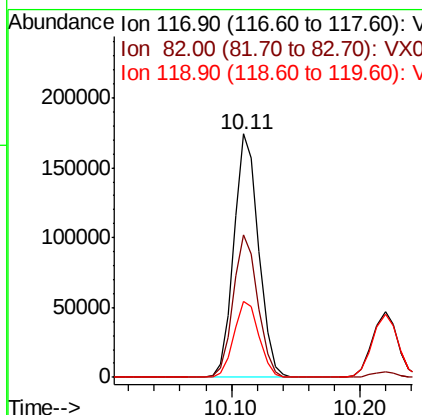
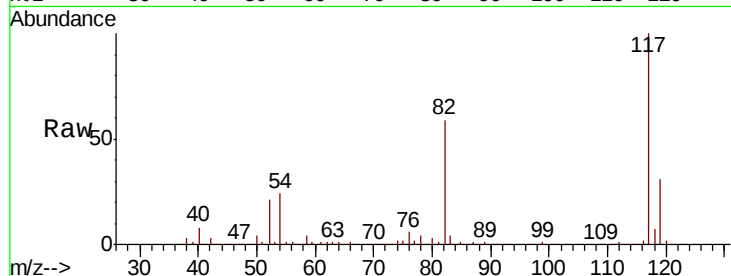




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

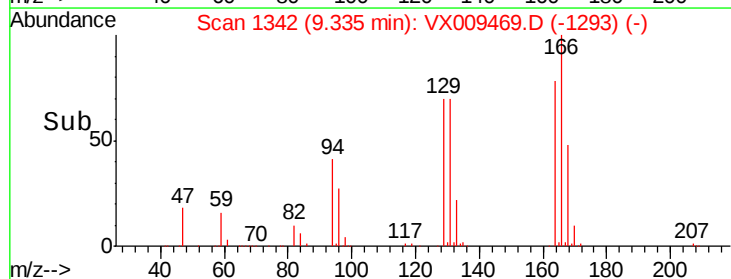
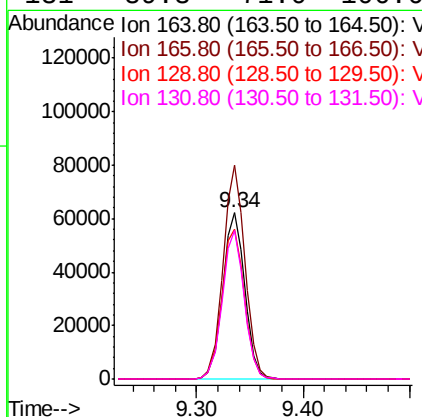
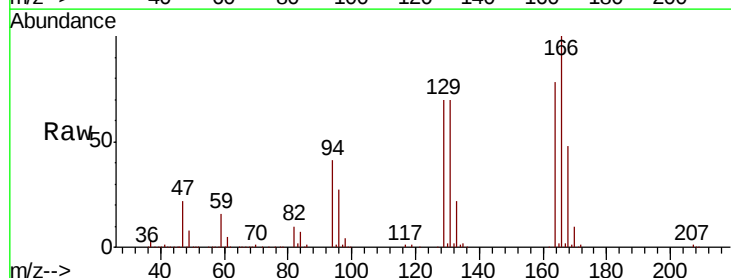
Instrument :
MSVOA_X
ClientSampled :

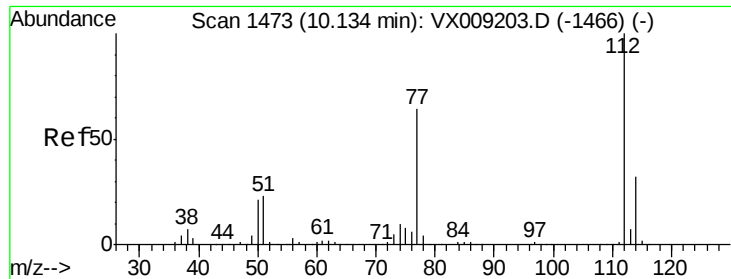
Tot Ion:117 Resp: 232731
Ion Ratio Lower Upper
117 100
82 58.6 48.8 73.2
119 31.3 25.8 38.6



#64
Tetrachloroethene
Concen: 56.251 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Tgt Ion:164 Resp: 89801
Ion Ratio Lower Upper
164 100
166 128.5 101.2 151.8
129 89.9 74.3 111.5
131 89.3 71.0 106.6

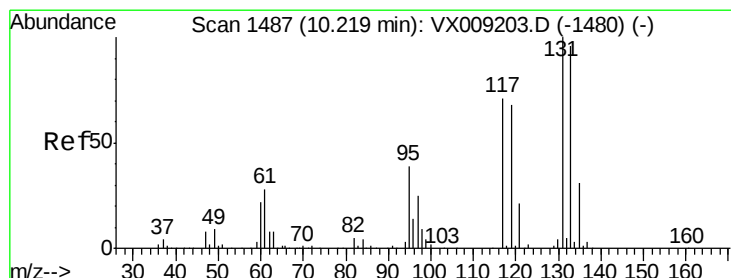
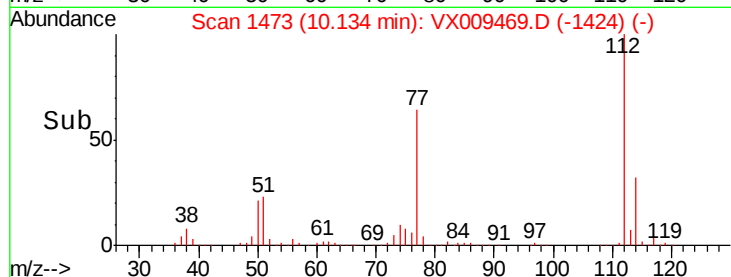
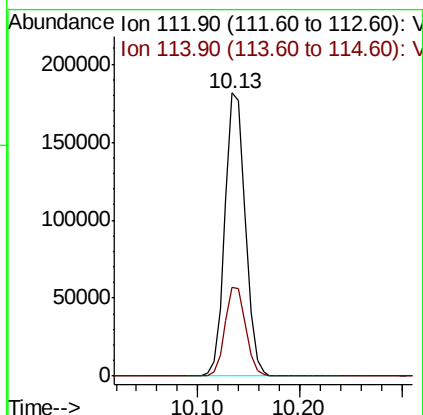
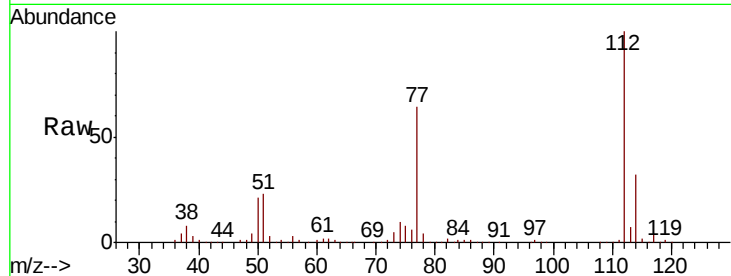




#65
Chlorobenzene
Concen: 54.111 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

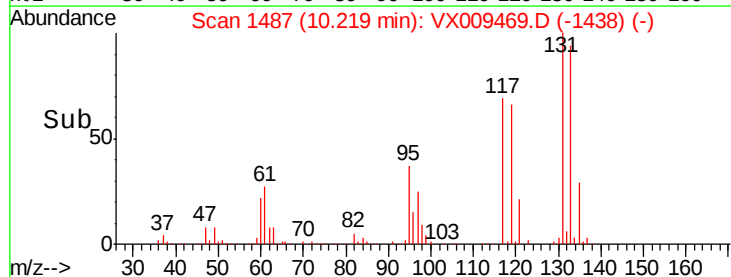
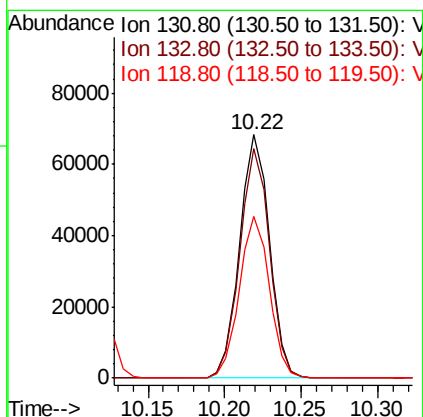
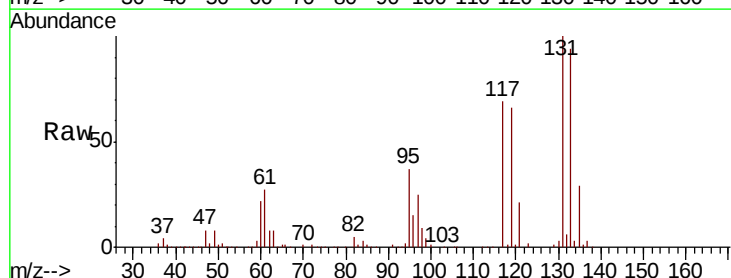
Instrument :
MSVOA_X
ClientSampled :

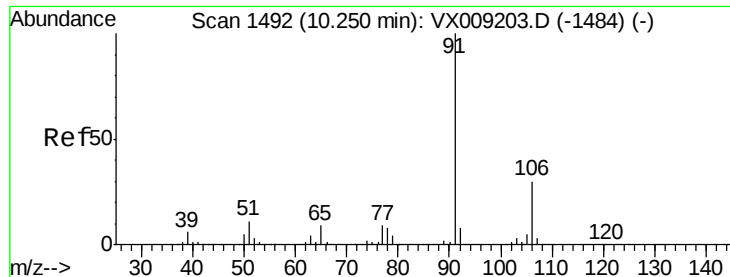
Tot Ion:112 Resp: 251925
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.813 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Tgt Ion:131 Resp: 92518
Ion Ratio Lower Upper
131 100
133 94.1 47.7 143.1
119 66.9 33.5 100.4





#67

Ethyl Benzene

Concen: 54.657 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

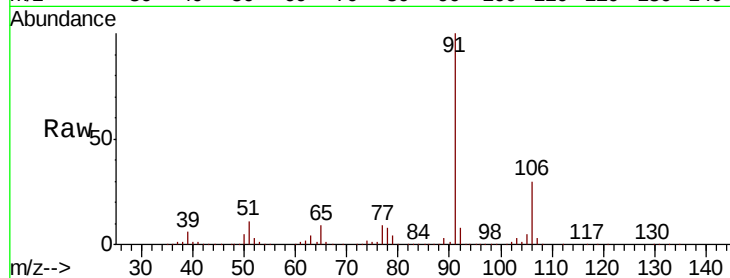
ClientSampleId :

Tot Ion: 91 Resp: 468316

Ion Ratio Lower Upper

91 100

106 30.4 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1484) (-)

Ion 106.00 (105.70 to 106.70): VX009203.D (-1484) (-)

600000

500000

400000

300000

200000

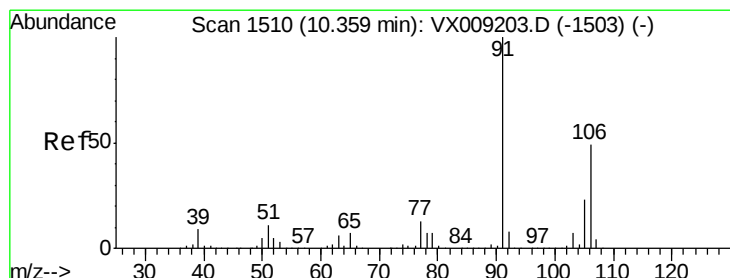
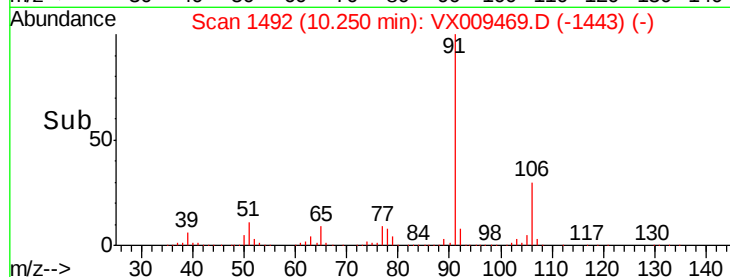
100000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 110.003 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009469.D

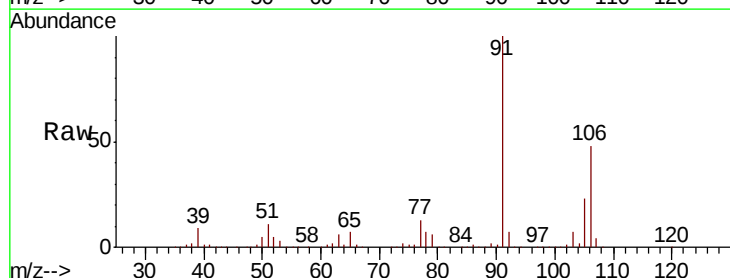
Acq: 10 May 2019 08:05

Tgt Ion: 106 Resp: 344429

Ion Ratio Lower Upper

106 100

91 208.1 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): VX009203.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX009203.D (-1503) (-)

600000

500000

400000

300000

200000

100000

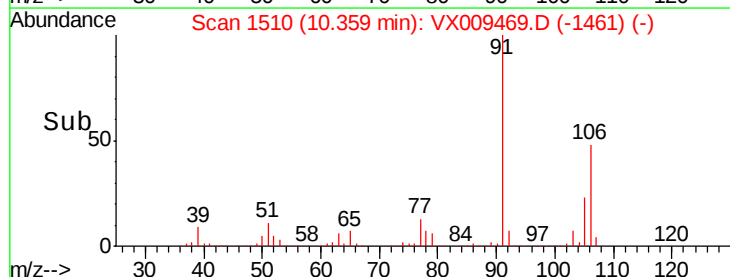
0

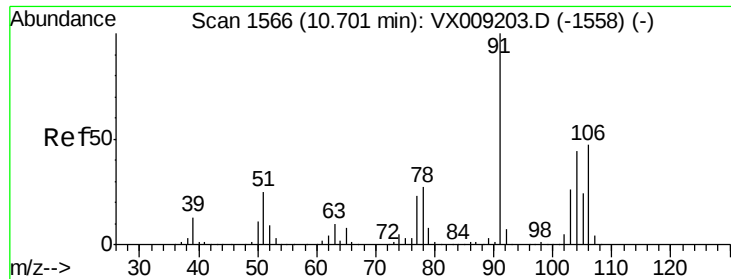
10.30

10.40

10.50

Time-->

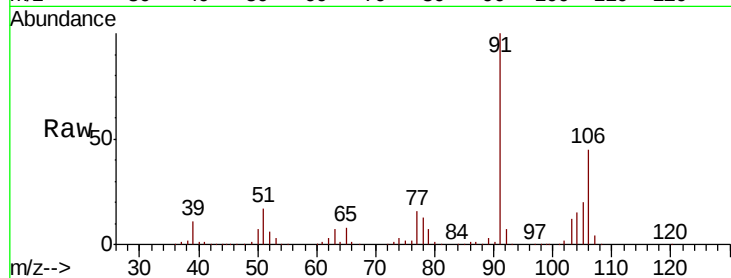




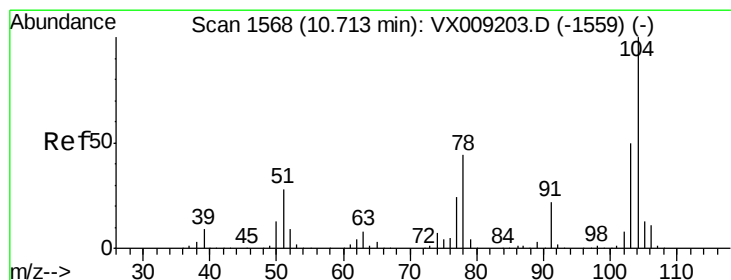
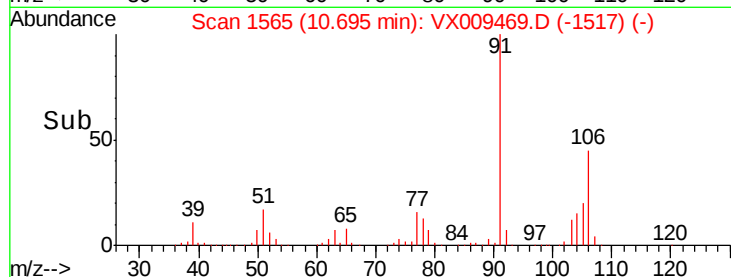
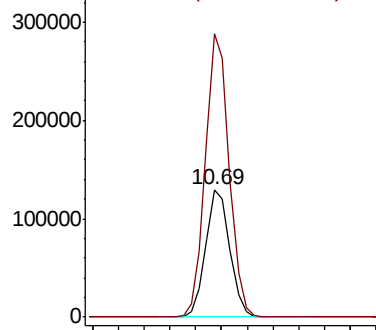
#69
o-Xylene
Concen: 54.783 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 169239
Ion Ratio Lower Upper
106 100
91 219.2 109.5 328.4

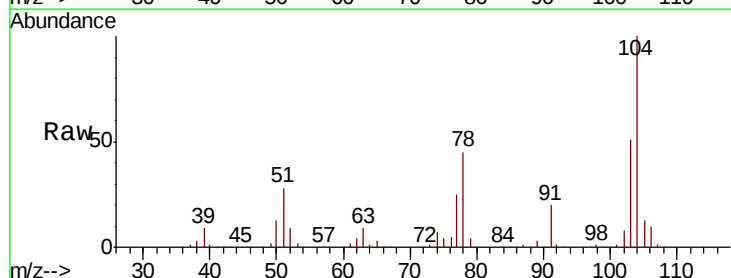


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

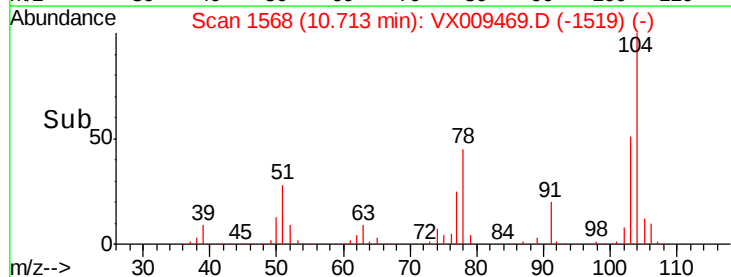
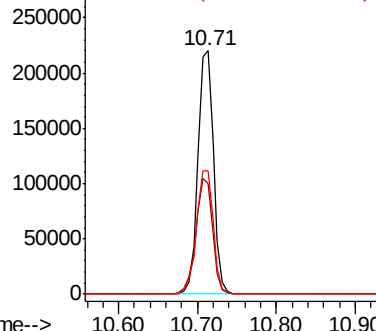


#70
Styrene
Concen: 55.631 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Tgt Ion:104 Resp: 298704
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.4
103 55.1 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

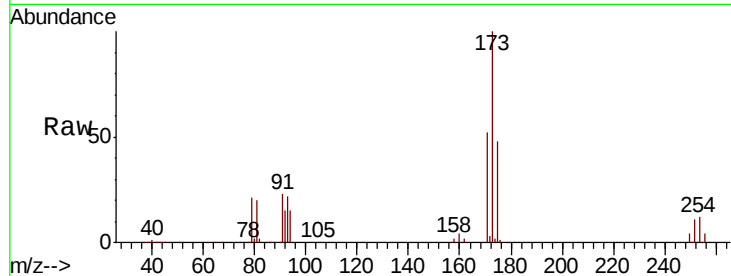




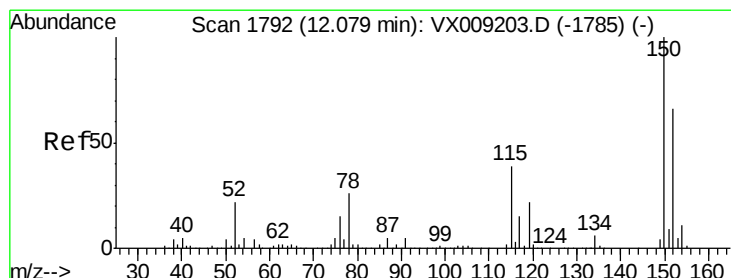
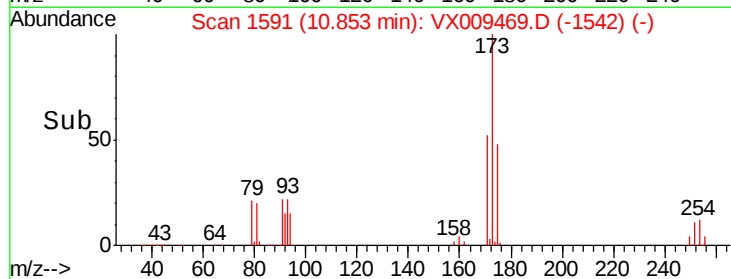
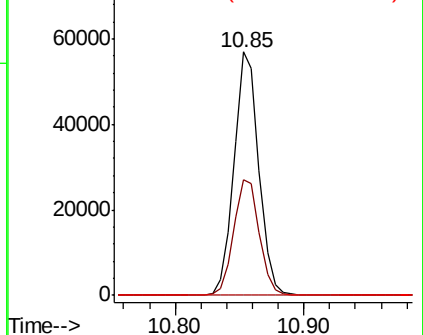
#71
Bromoform
Concen: 55.505 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 76133
Ion Ratio Lower Upper
173 100
175 49.1 24.5 73.5
254 0.1 0.1 0.1#

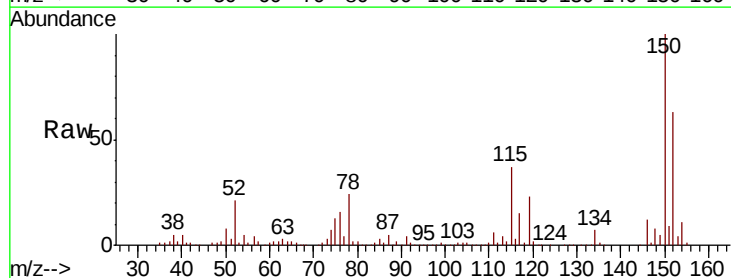


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

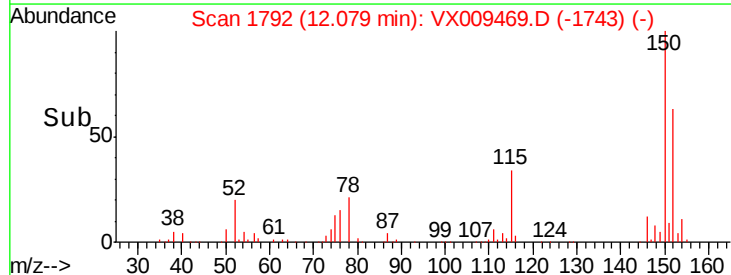
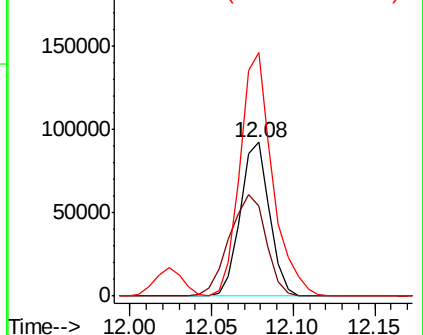


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Tgt Ion:152 Resp: 115290
Ion Ratio Lower Upper
152 100
115 83.2 41.2 123.6
150 174.9 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.001 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

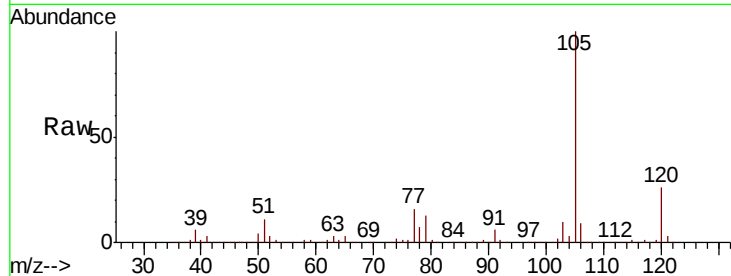
ClientSampleId :

Tot Ion:105 Resp: 444351

Ion Ratio Lower Upper

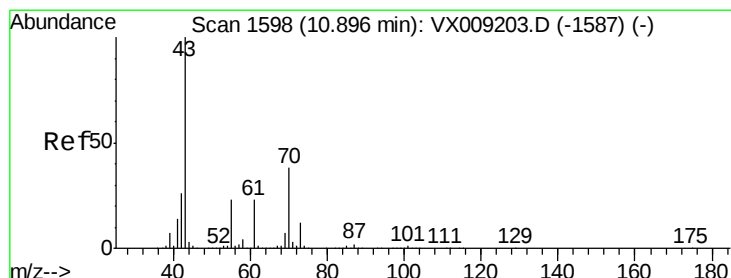
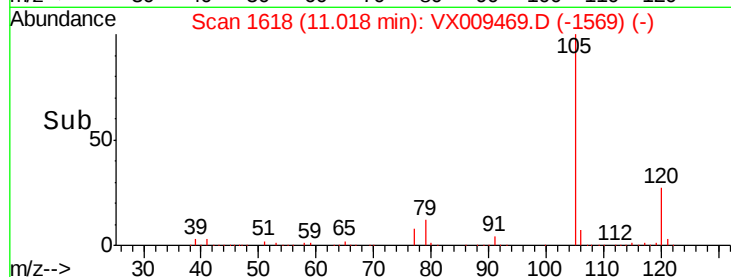
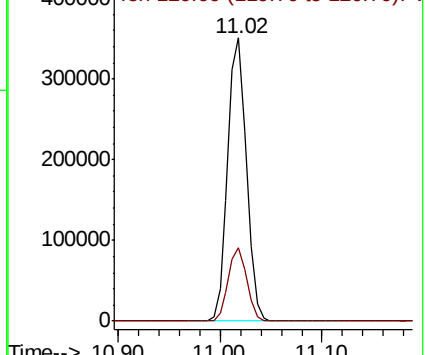
105 100

120 25.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.787 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Tgt Ion: 43 Resp: 267788

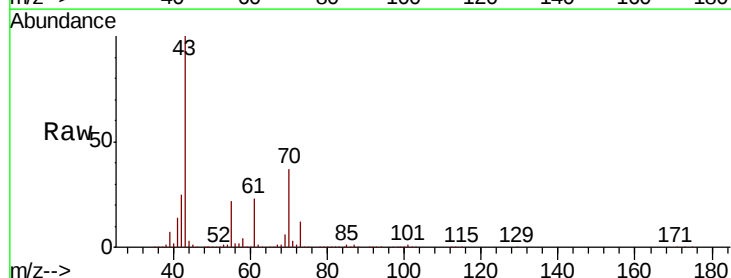
Ion Ratio Lower Upper

43 100

70 37.2 30.0 45.0

55 22.5 17.9 26.9

61 22.4 18.4 27.6

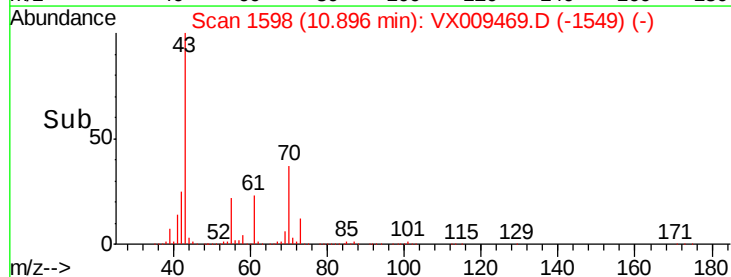
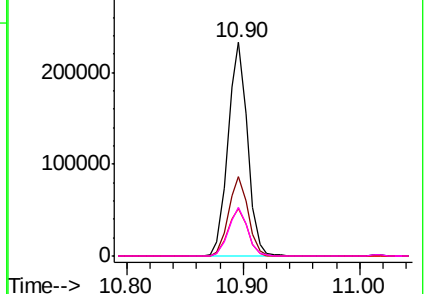


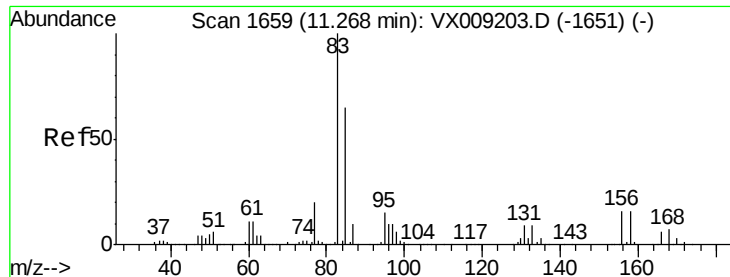
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.979 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

ClientSampleId :

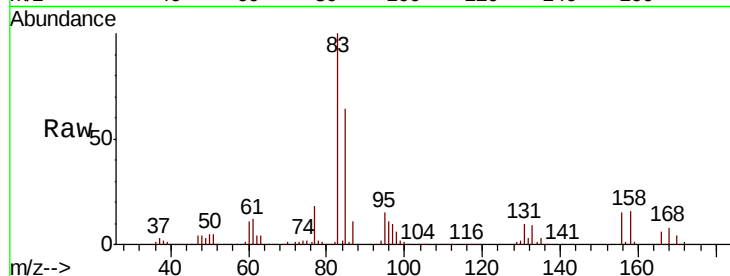
Tot Ion: 83 Resp: 165578

Ion Ratio Lower Upper

83 100

131 9.5 4.6 13.8

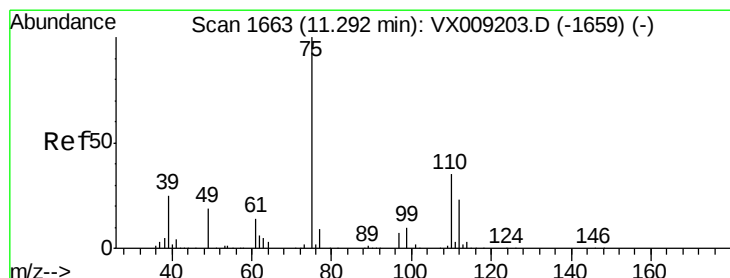
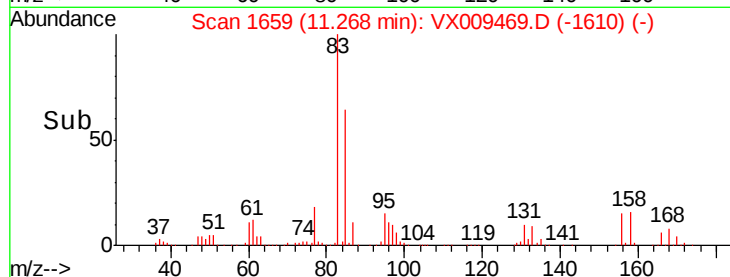
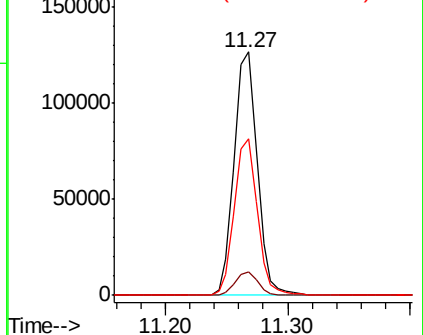
85 64.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 69.263 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009469.D

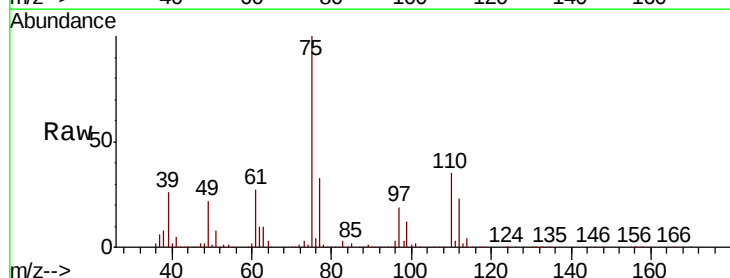
Acq: 10 May 2019 08:05

Tgt Ion: 75 Resp: 185232

Ion Ratio Lower Upper

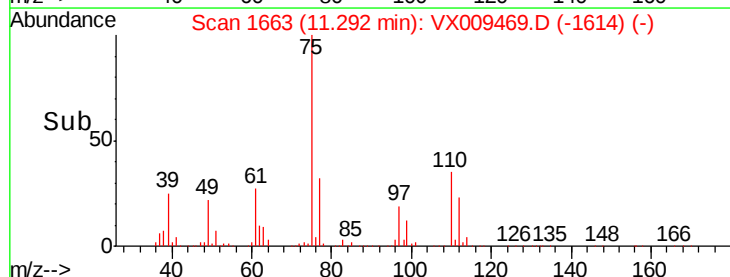
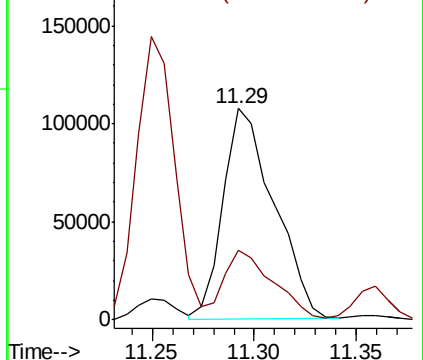
75 100

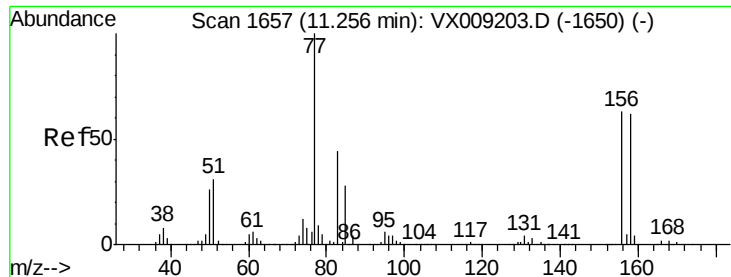
77 32.4 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.845 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

ClientSampleId :

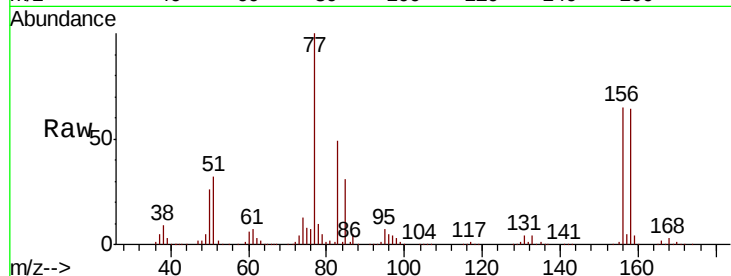
Tot Ion:156 Resp: 112046

Ion Ratio Lower Upper

156 100

77 167.7 84.8 254.3

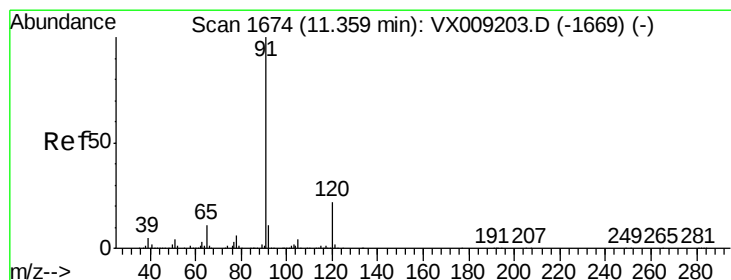
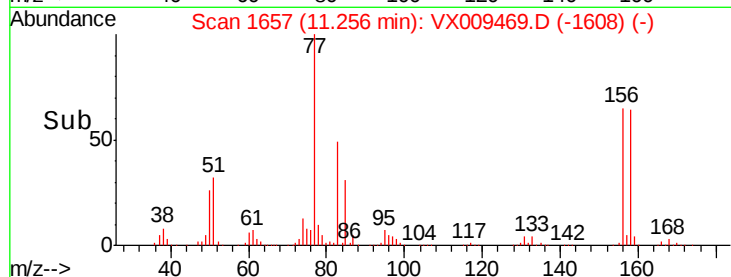
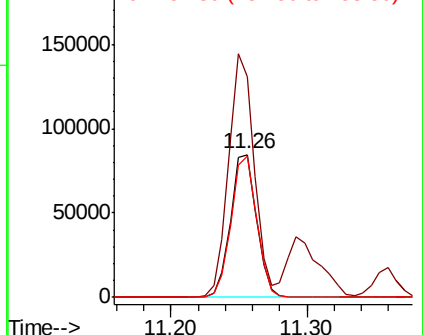
158 97.4 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.293 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009469.D

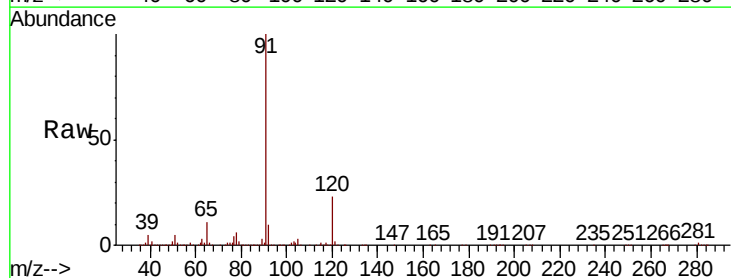
Acq: 10 May 2019 08:05

Tgt Ion: 91 Resp: 510260

Ion Ratio Lower Upper

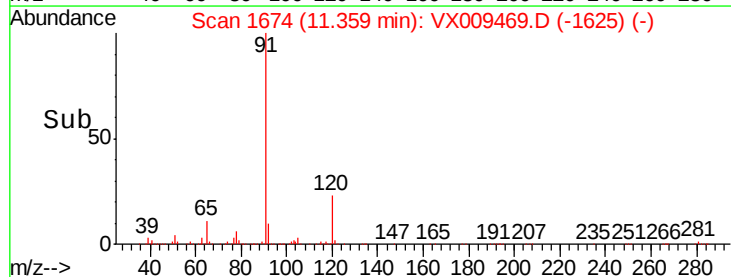
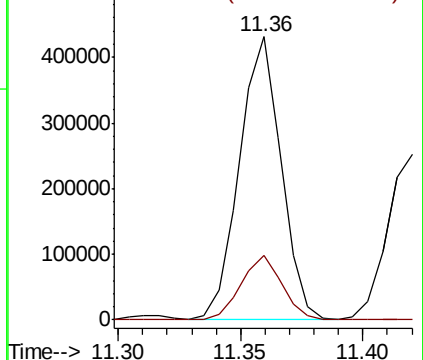
91 100

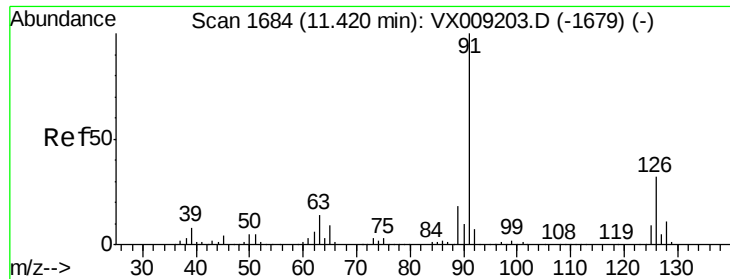
120 22.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.205 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

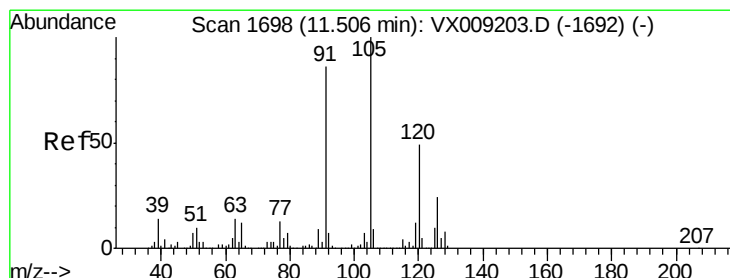
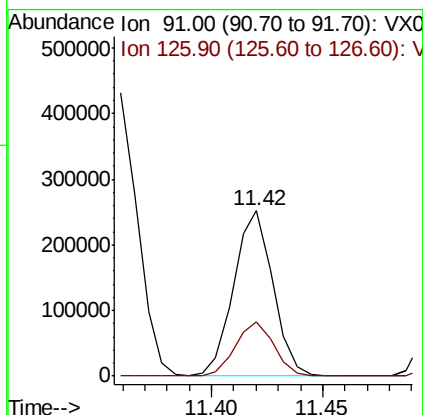
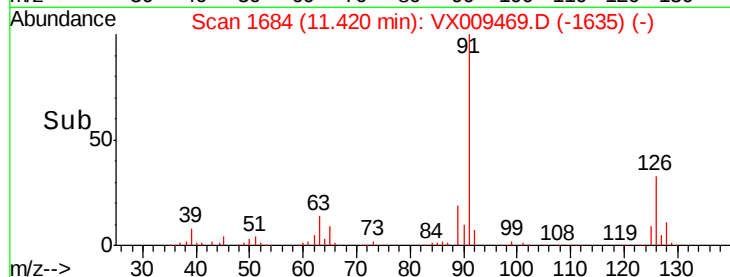
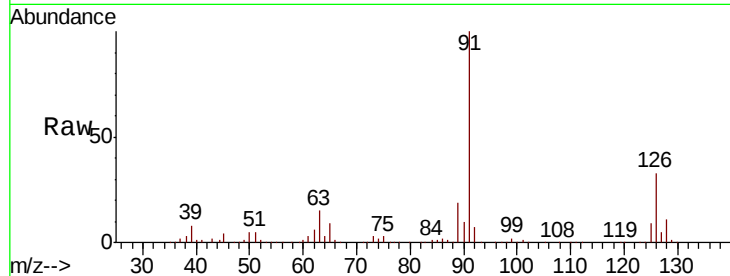
ClientSampleId :

Tot Ion: 91 Resp: 308377

Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 53.469 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009469.D

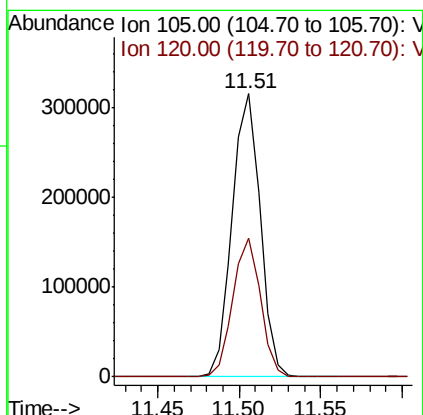
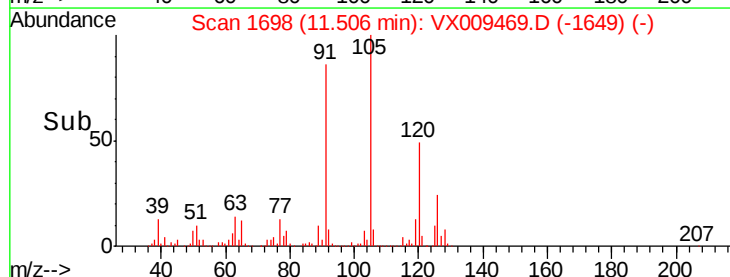
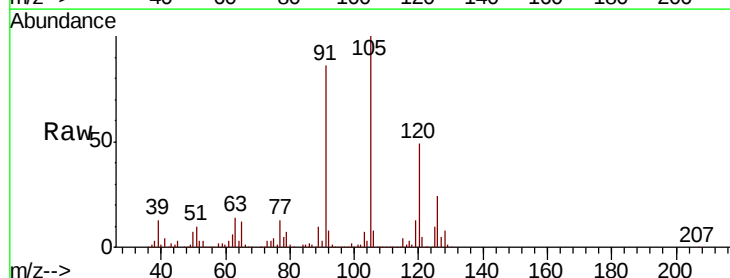
Acq: 10 May 2019 08:05

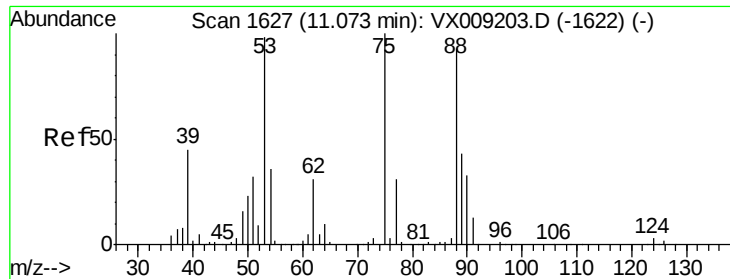
Tgt Ion: 105 Resp: 377443

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 46.779 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

ClientSampleId :

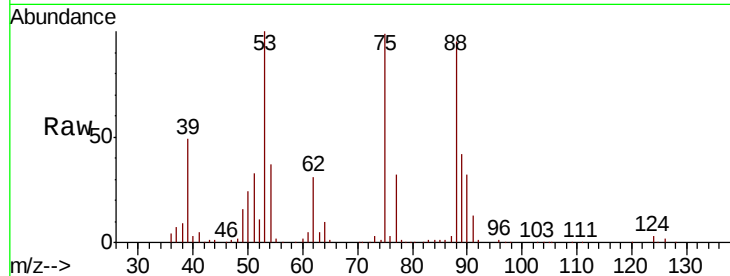
Tot Ion: 75 Resp: 48894

Ion Ratio Lower Upper

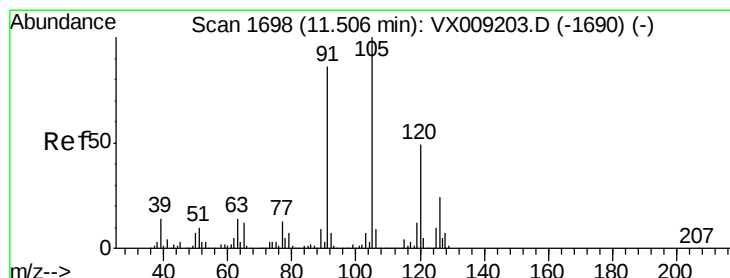
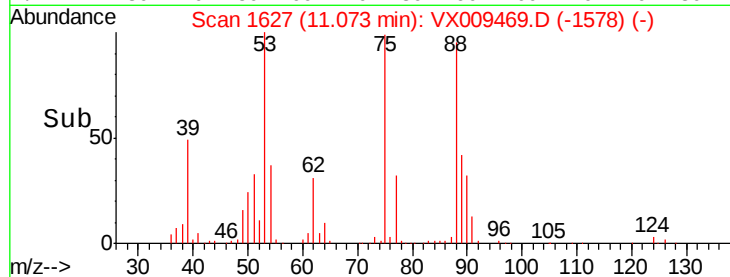
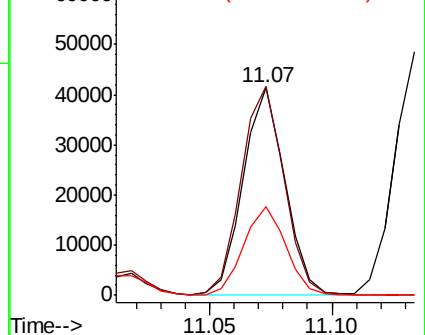
75 100

53 104.0 79.0 118.6

89 43.4 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.041 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009469.D

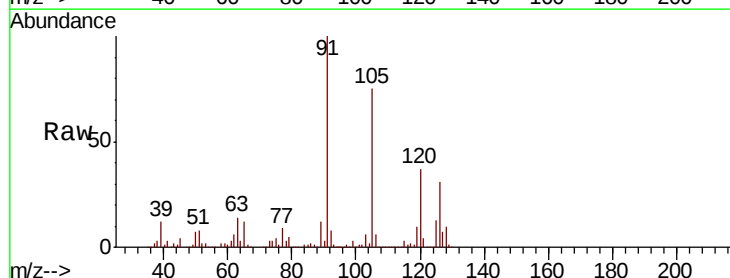
Acq: 10 May 2019 08:05

Tgt Ion: 91 Resp: 353960

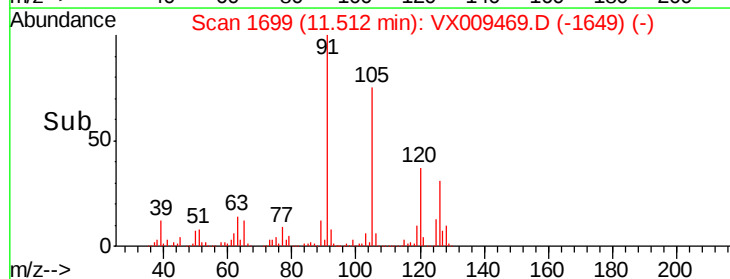
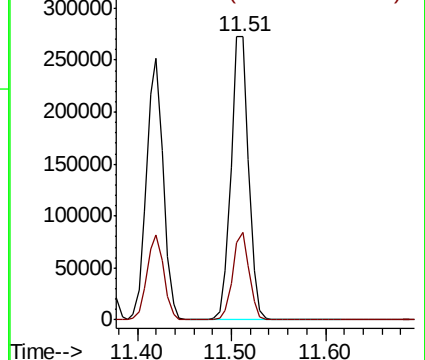
Ion Ratio Lower Upper

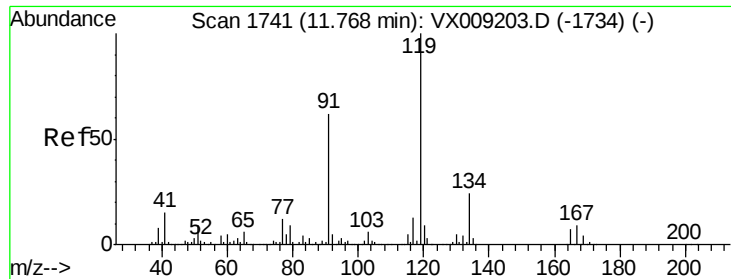
91 100

126 28.8 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

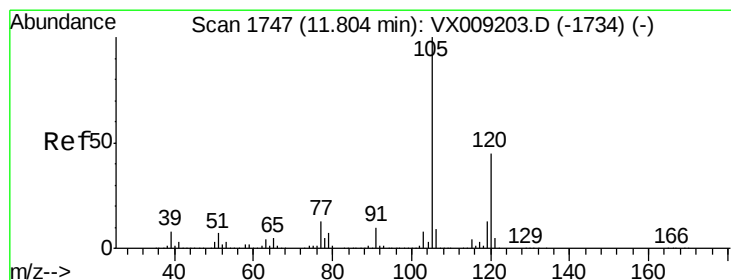
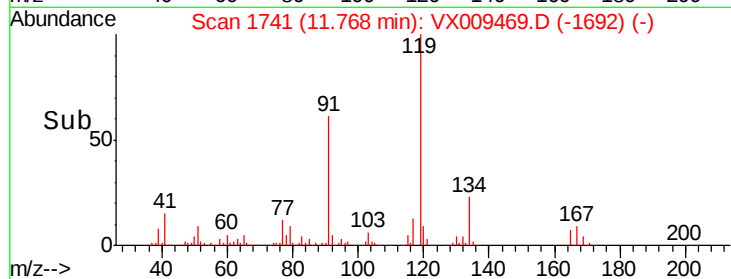
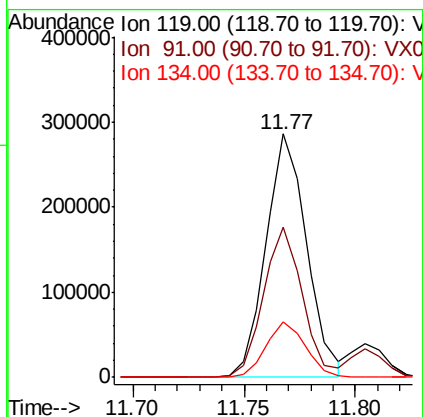
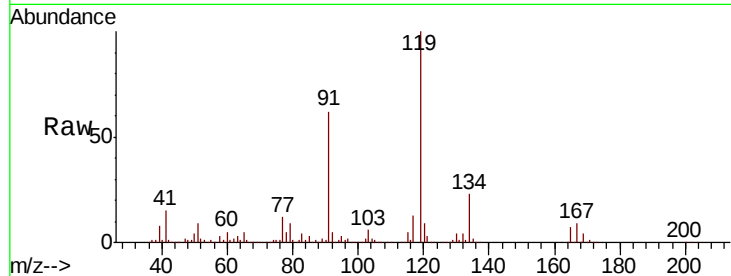




#83
tert-Butylbenzene
Concen: 52.940 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

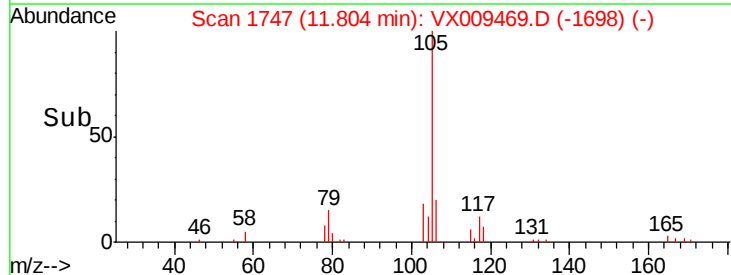
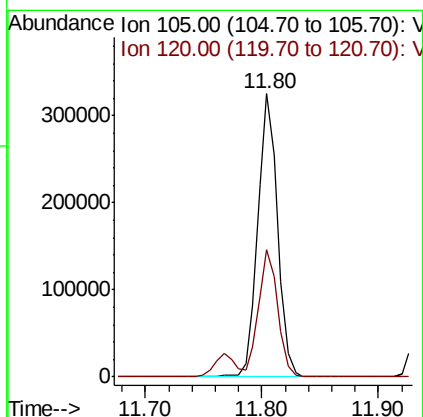
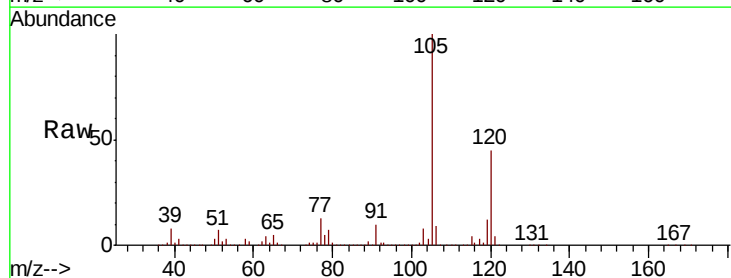
Instrument :
MSVOA_X
ClientSampleId :

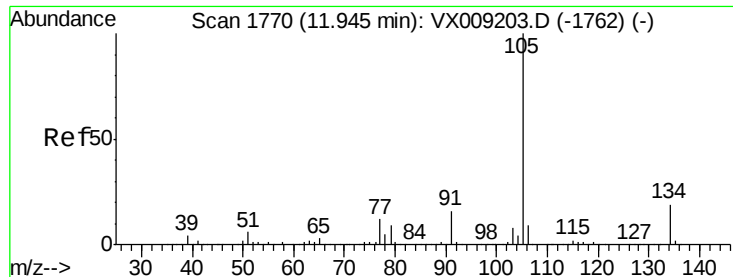
Tot Ion:119 Resp: 363545
Ion Ratio Lower Upper
119 100
91 59.2 29.5 88.5
134 22.3 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 54.173 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Tgt Ion:105 Resp: 383845
Ion Ratio Lower Upper
105 100
120 43.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 52.138 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

Instrument :

MSVOA_X

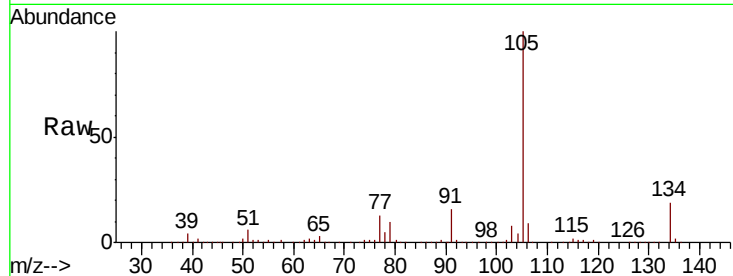
ClientSampleId :

Tot Ion:105 Resp: 424479

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

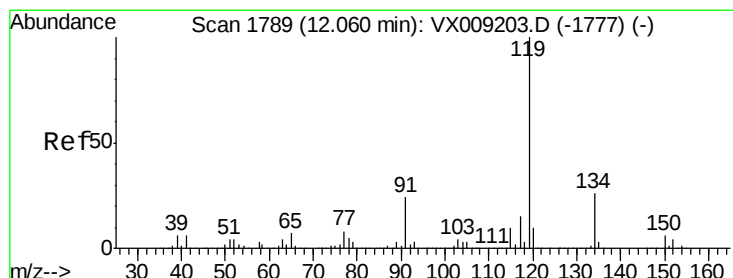
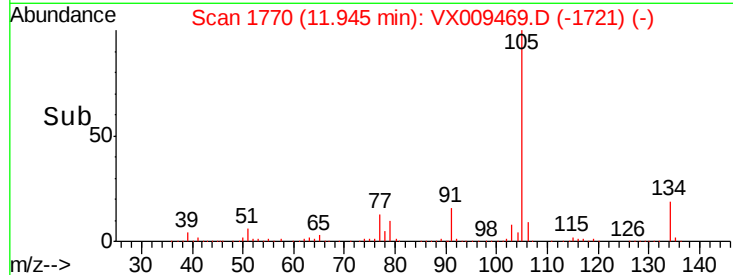
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.189 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009469.D

Acq: 10 May 2019 08:05

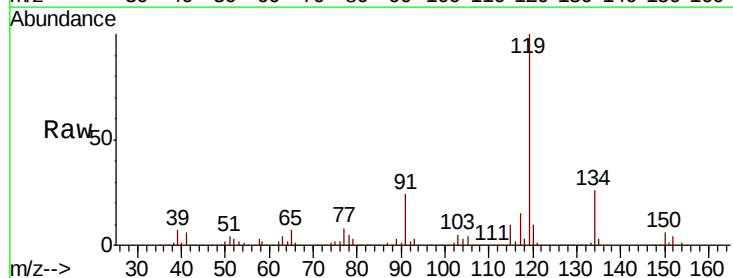
Tgt Ion:119 Resp: 389300

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

91 23.6 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

400000

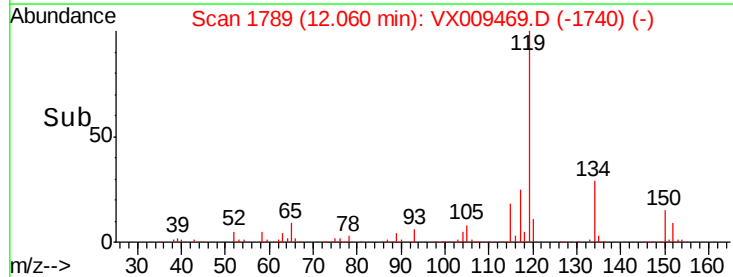
300000

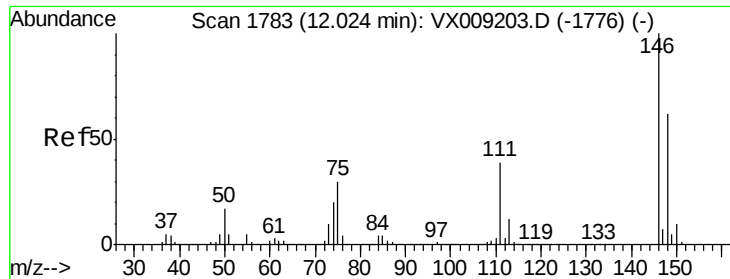
200000

100000

0

Time-->

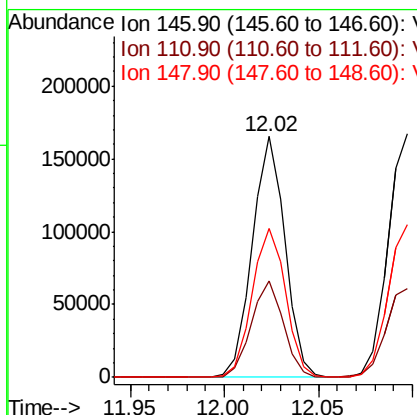
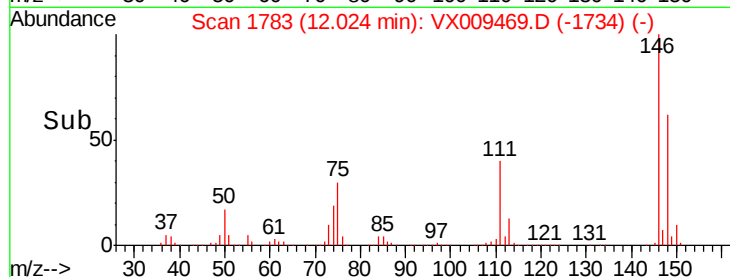
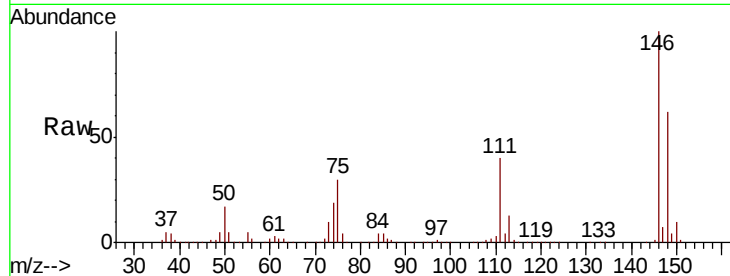




#87
 1,3-Dichlorobenzene
 Concen: 53.705 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

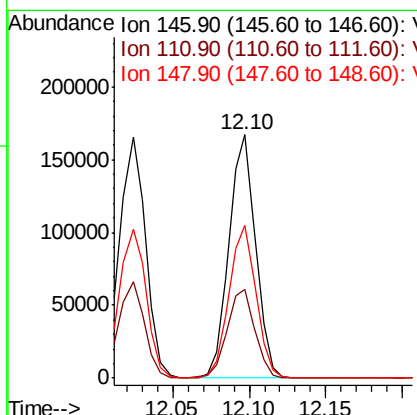
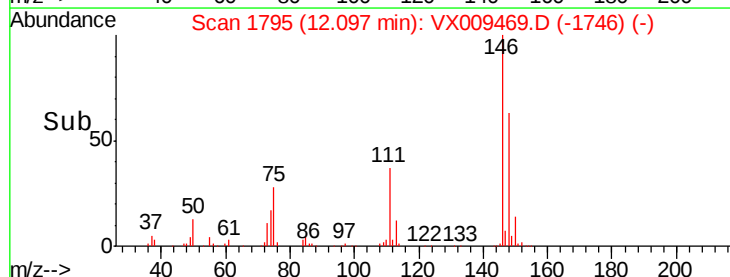
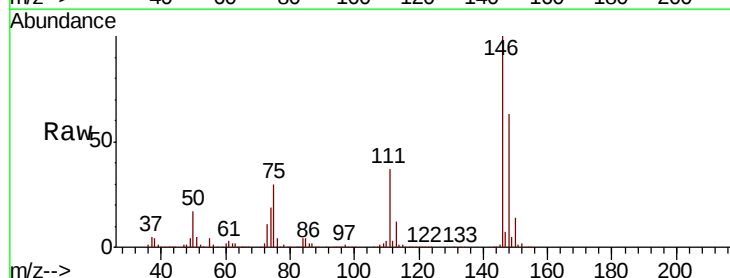
Instrument :
 MSVOA_X
 ClientSampled :

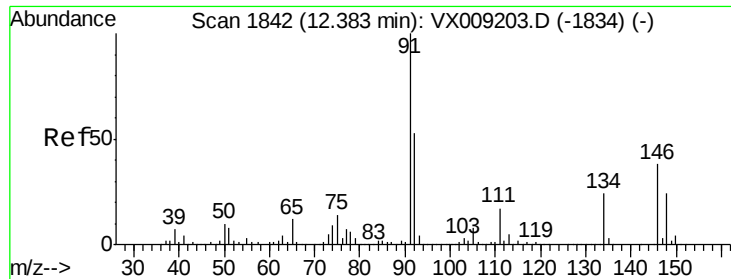
Tot Ion:146 Resp: 199221
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.0 59.9
 148 63.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 53.768 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

Tgt Ion:146 Resp: 201086
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.6 58.8
 148 63.7 31.8 95.3

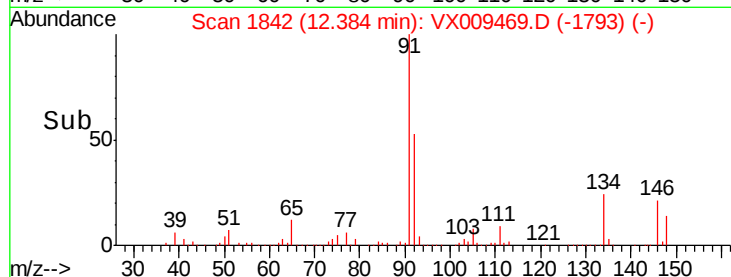
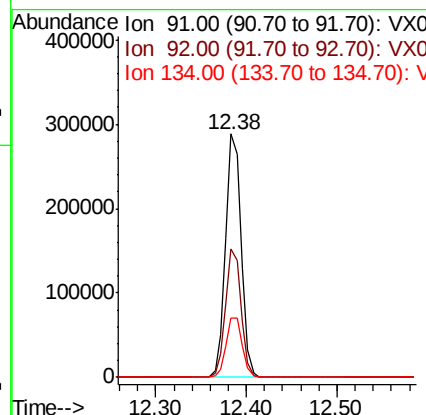
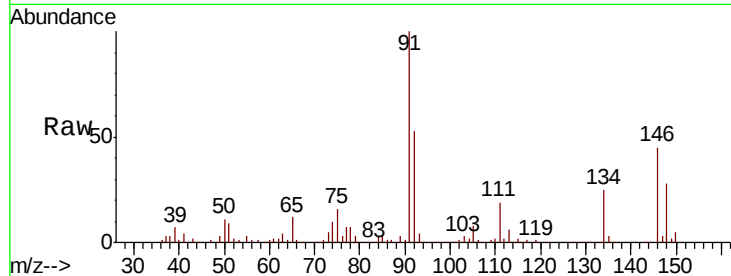




#89
n-Butylbenzene
Concen: 52.376 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

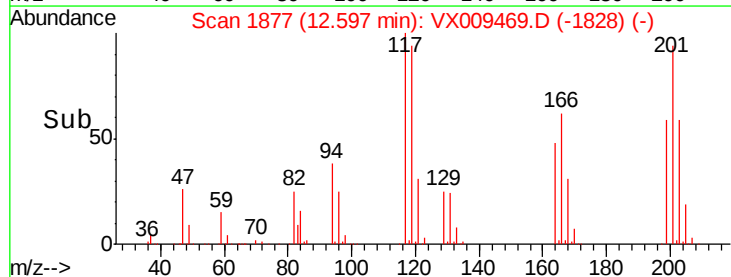
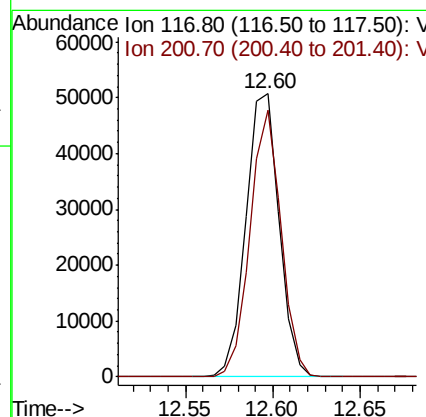
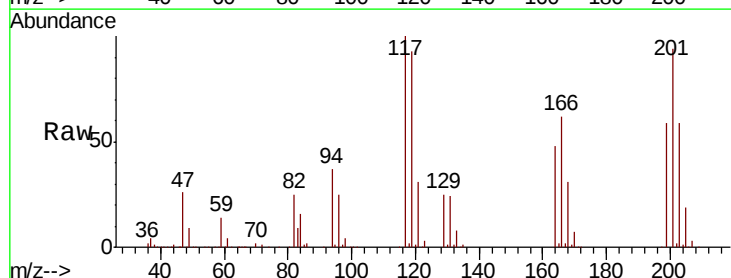
Instrument :
MSVOA_X
ClientSampleId :

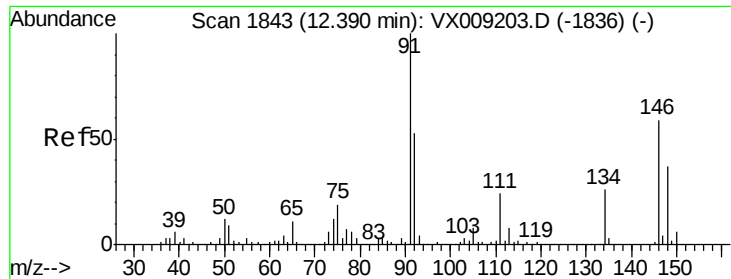
Tot Ion: 91 Resp: 346484
Ion Ratio Lower Upper
91 100
92 52.3 26.5 79.5
134 25.2 12.4 37.2



#90
Hexachloroethane
Concen: 53.600 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Tgt Ion: 117 Resp: 66836
Ion Ratio Lower Upper
117 100
201 88.1 42.3 126.9

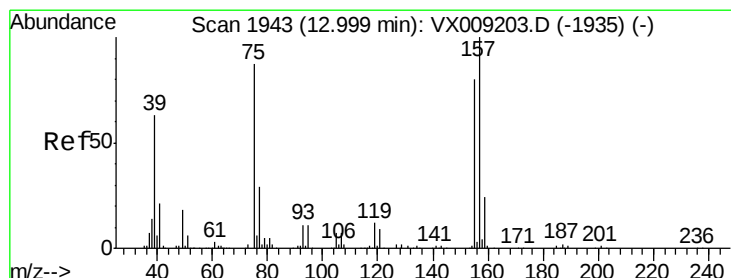
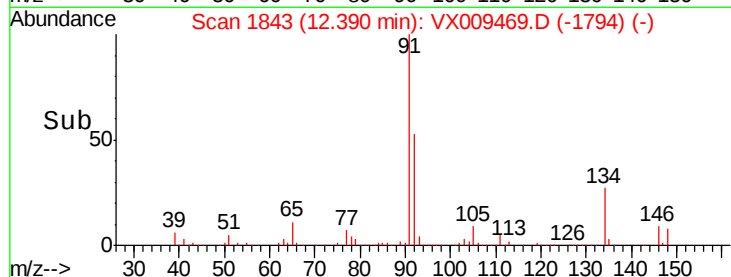
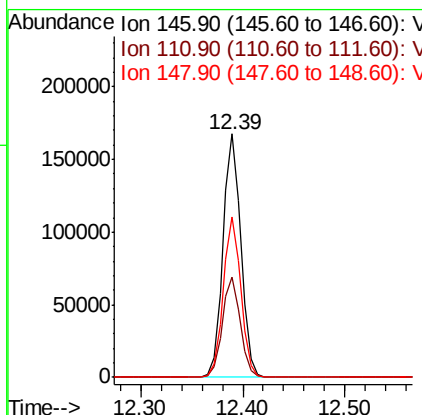
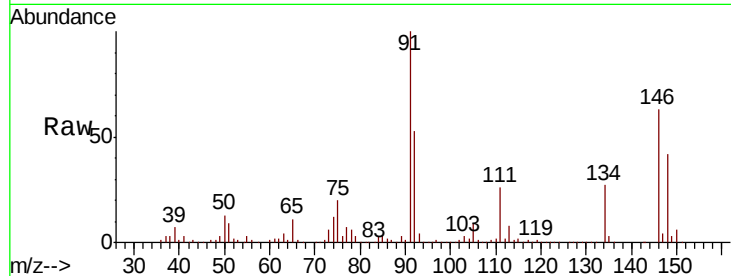




#91
 1,2-Dichlorobenzene
 Concen: 54.089 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

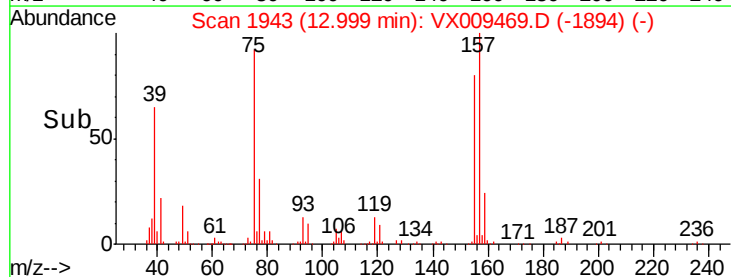
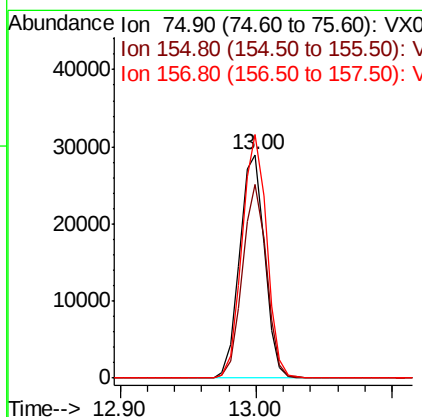
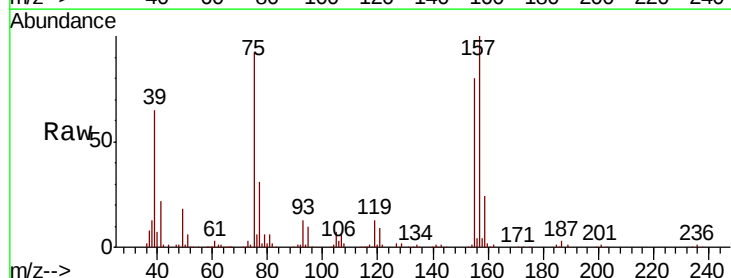
Instrument :
 MSVOA_X
 ClientSampleId :

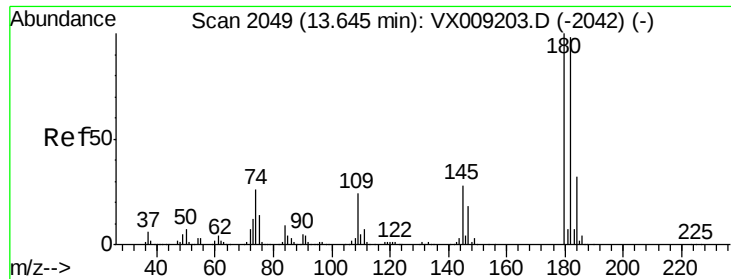
Tot Ion:146 Resp: 204365
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.4
 148 64.8 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.981 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

Tgt Ion: 75 Resp: 37145
 Ion Ratio Lower Upper
 75 100
 155 83.6 42.0 126.0
 157 107.4 53.2 159.6

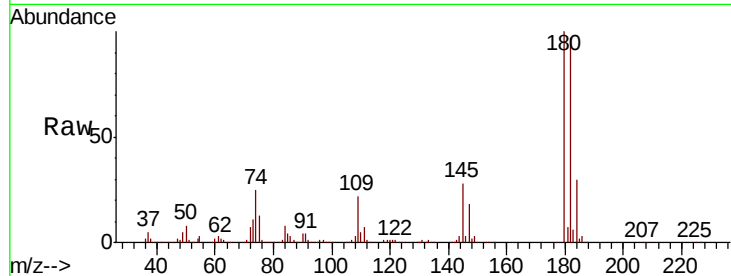




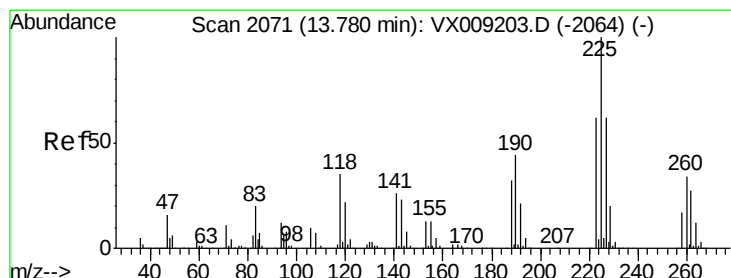
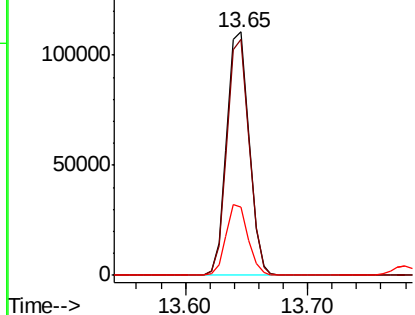
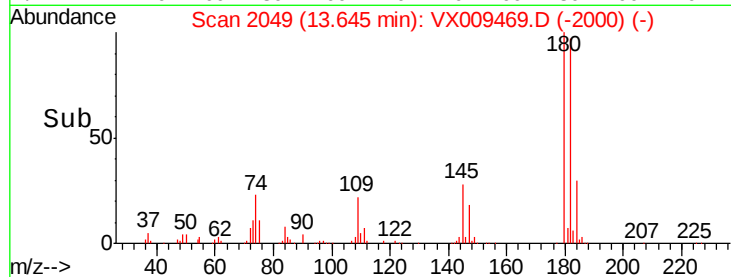
#93
 1,2,4-Trichlorobenzene
 Concen: 54.265 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.4	145.2
145	28.7	14.6	43.8

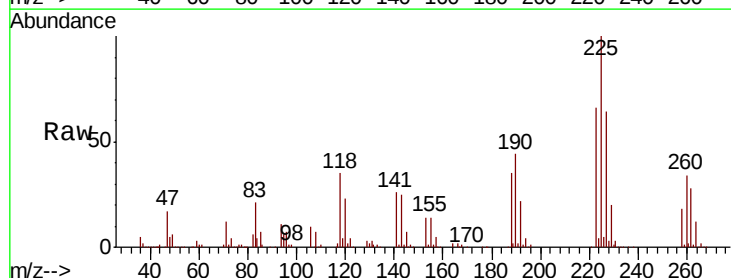


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

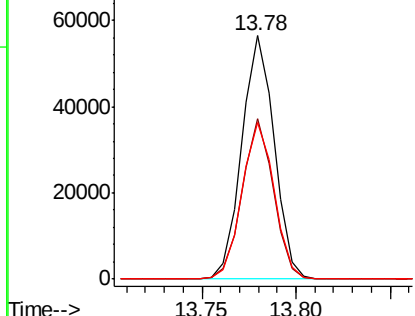
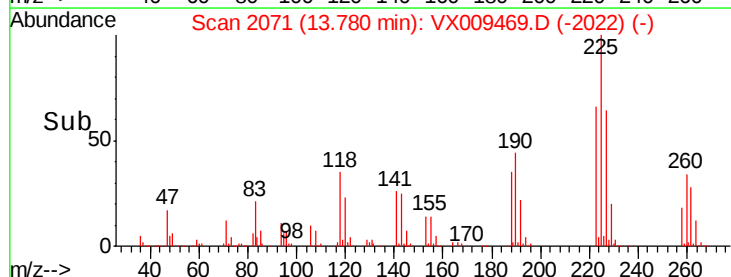


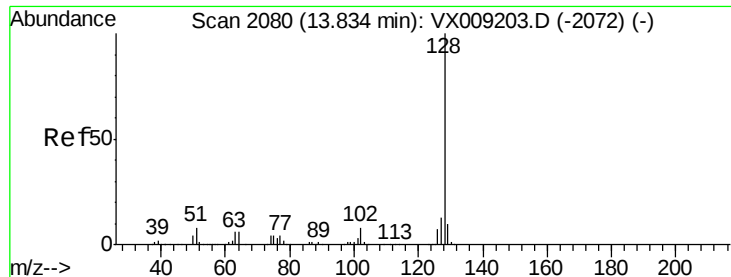
#94
 Hexachlorobutadiene
 Concen: 50.896 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009469.D
 Acq: 10 May 2019 08:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.3	93.8
227	64.1	31.8	95.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

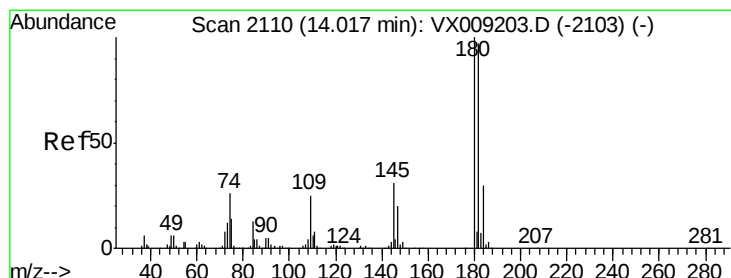
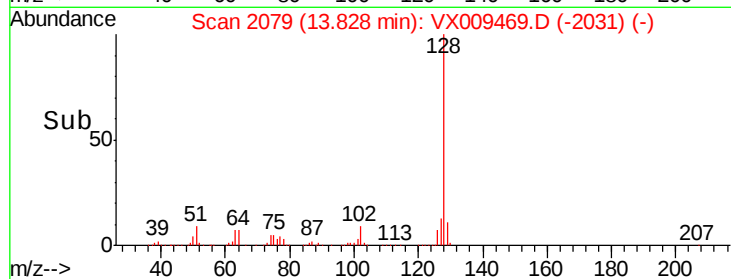
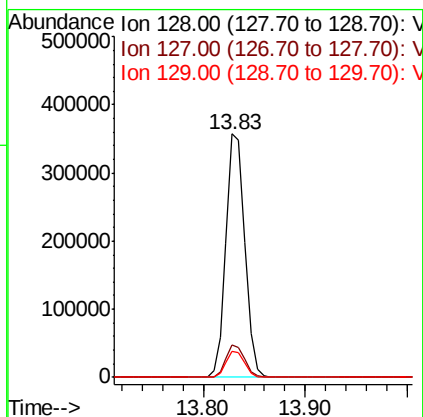
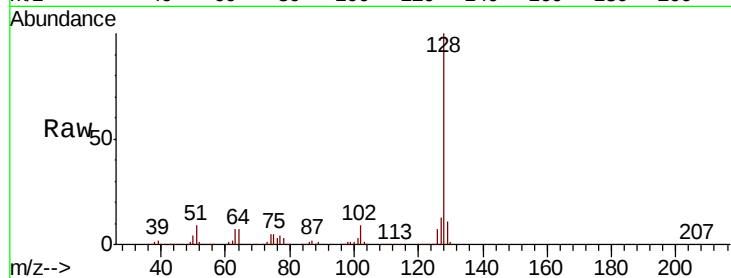




#95
Naphthalene
Concen: 54.454 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.074 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009469.D
Acq: 10 May 2019 08:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.4
145	30.7	15.4	46.4

